

Digital.ai Release Analytics

Product Version 26.3



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Overview of Analytics

The Analytics feature within Release empowers DevOps teams and various other personas with data-driven insights to pinpoint bottlenecks, streamline release processes, and enhance release reliability while mitigating risks. By aggregating data from the entire DevOps toolchain, including the release pipeline and integrated tools, Analytics provides impactful insights and visualizations that drive value and improve outcomes.

With prebuilt metrics and a variety of best practices dashboards, Analytics enables leaders to observe real-time developments across their value stream pipeline, and subsequently make informed, data-driven decisions. Whether it's rectifying bottlenecks or tracking progress, Analytics serves as a powerful tool for optimizing processes and fostering continuous improvement.

Analytics Dashboard Benefits

Digital.ai offers out-of-the-box Persona based dashboards for Release Managers to get a high level overview about the information of the complex releases that completed, running, or scheduled for the future. Some of the benefits of these dashboards are as follows:

- **Increase Process Visibility:** Enhance visibility into the release process execution to evaluate how well they perform and are effective
- **Identify Risks Easier:** Improve transparency to identify risks that might slow down releases
- **Improve Release Benchmarking:** Compare and benchmark between releases for retrospectives and continuous improvements

Analytics Dashboard Types

Digital.ai Release offers the following dashboards.

Dashboards	Personas	Description
Late Tasks and its Impact	Release Manager	It provides a detailed view of late release tasks and the impact of these delayed tasks within the release and across all dependent releases. The dashboard gives you insights into

Dashboards	Personas	Description
		the current progress of delayed tasks and their associated release tasks, along with the tasks that have a high chance of getting delayed soon. These insights enable you to analyze, set priorities, and take appropriate actions proactively.
Release Executive Overview	Release Manager	It provides a high-level overview of all releases across the organization along with the key metrics and parameters that influence decision making. Using this dashboard, a Release Manager can review the release execution for all releases or individual release, perform a comparative completion analysis across the releases, and can do a deep dive in the execution details of individual release. Using this dashboard, you can also understand the performance of individual release owners or teams with respect to releases and take measures to help improve a team's success rate.
Release Task Open Work Analysis	Release Manager	It provides a detailed view of open release tasks and the trend of upcoming release tasks. You can also view the tasks that are contributing to delays in the release and take necessary actions. With these insights, you can gauge the current standing of the task progress, along with the overall status of release tasks at different stages of the release, and can be better prepared for the upcoming release tasks.
Release Dependency Dashboards	Release Manager	The Release Dependency dashboard enables you to identify, analyze and mitigate Release, Phase or Task dependencies and dependents on a gate task that is associated with a Release contributing to unplanned delays that can affect scheduled releases. Delays can impact businesses by affecting the time-to-market and can result in lost market opportunities.
On Boarding Plan and	DevOps COE	The On Boarding Plan and Progress Dashboard provide a snapshot view of the on-boarding progress of the internal customers as they roll out the Digital.ai Release and Deploy to

Dashboards	Personas	Description
Progress Dashboards		their new teams or applications. This dashboard provides the trend and an overview of the monthly growth status in terms of the users, release folders, folders with successful releases, release teams involved along with integrations.
DORA Dashboards	Engineering Manager	It provides a holistic view of DevOps performance to make strategic decisions and allocate resources effectively. This dashboard will provide teams with a clear and real-time view of their software development and delivery processes, enabling them to identify areas for improvement and make data-driven decisions.
Workflow Adoption and Usage Patterns Dashboards	Platform Product Manager and Platform Engineer	It provides insights on team adoption of services and automation via Workflows. Also, identifies what works best and manage your developer platform as a product.

Setting up Analytics

Setting up analytics for your site involves a few steps such as installing and configuring the NDC/Data Collector services, connecting your Release instance to the Digital.ai Platform, configuring the data sources, setting up roles and permissions, and so on.

The Digital.ai Customer Success Manager handles the initial setup tasks related to provisioning the tenant, setting up the data lake, and other foundational aspects. On the other hand, the Release Administrator focuses on configuring and managing dashboards for display purposes.

Here's a high-level step-by-step:

1. Provision a Digital.ai Platform account.
2. Install and configure the NDC/Data Collector Services
3. Configure the Release data sources
4. Configure, schedule, and trigger the extract, transform, and load job (ETL)
5. Integrate your IDP and Release with the Digital.ai Platform.

Contact [Digital.ai Support](#) for assistance in setting up analytics for your site.

The rest of this topic covers the analytics set up procedures that are relevant to the Release administrator.

Analytics Dashboard Permissions

In Release, you must have certain permissions to access the Analytics dashboards.

Global Roles and Permissions

Global Roles

- To view the Analytics dashboards in Release, assign users to a role (new or existing) that can be granted permission to **View Reports and Digital.ai Analytics** permission. For more information, see [The Permissions Page](#).

- **Digital.ai Analytics Service User:** By default, this role has the *Audit data* permission assigned to it, which was previously called as Audit Reports. This new role, with *Audit data* permission, will be utilized to access read-only audit data necessary for Analytics dashboards. For read-only data access, it is recommended to use the dedicated role **Digital.ai Analytics Service User**.

To set up roles in Release, go to **Settings > Users and permissions > Roles** and edit any of the roles. In **Principals**, add the **Platform user group name** that corresponds to this role. Repeat this for all roles that you want to inherit group assignments. You may optionally want to create new roles for this purpose, depending on how your workflow is configured.

For example, edit the role called `Administrator User`, and add `allAdmins` as a Principal for the role.

For more information about integrating Release with the Digital.ai platform, see [Integrate Release with Digital.ai Platform Identity Service](#).

Permissions

- **View Reports and Digital.ai Analytics:** Add roles to the permissions. This permission allows to view the pre-built reports and access the Analytics dashboards.
- **Audit data:** Allows you to view the Audit reports and have read-only access to audit data. By default, this permission is assigned to the *Digital.ai Analytics Service User* role.

Set up Connection to Analytics Server

Release Administrators will set up this connection by getting the URL from the Digital.ai Platform Application setup. The Analytics dashboards will display only after the setup process and connection configuration is complete.

To set up connection:

1. Go to the **Connections** in the Release home page.
2. Under Digital.ai connections section, click the **+** icon next to **Digital.ai Analytics Server**.

The New **Digital.ai Analytics Server** page appears.

3. Enter the URL details in the relevant field.
4. Click **Save** to save the changes.

View the Dashboards

- In the **Home** page, click **Analytics** to view the analytics dashboards.

digital.ai release

Home

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Home > Analytics

The upcoming release will include the availability of new Analytics dashboards in the Premium edition. For more information, please contact your Customer Success Manager.

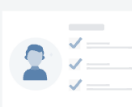
Analytics

Filter by name ...

All dashboards (7) Favourites (0)

Onboarding plan and progress

by Digital.ai



Efficiently monitor team and application onboarding and maturation rates on the Digital.ai Release-orchestrated pipeline. Identify areas for improvement.

DevOps COE

Open dashboard

DORA overview

by Digital.ai



Leverage DORA metrics for DevOps insights, identify areas for improvement, and drive change in software development.

Engineering manager

Open dashboard

Release executive overview

by Digital.ai



Retrospective analysis of past release processes over time.

Release manager

Open dashboard

Release task open work analysis

by Digital.ai



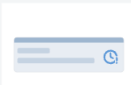
Monitor open tasks, address aged incomplete and dependent tasks. Review upcoming tasks for planning, prioritization, and adjustment for successful releases.

Release manager

Open dashboard

Release late task and its impact

by Digital.ai



Overview of release delays and dependencies related to Gate tasks.

Release manager

Open dashboard

Release dependency dashboard

by Digital.ai



By revealing the impact of downstream actions on releases, this report empowers release managers to take proactive operational measures.

Release manager

Open dashboard

Workflow adoption and usage patterns

by Digital.ai



Gain insights on team adoption of services and automation via Workflows. Identify what works best and manage your developer platform as a product.

Platform engineer +1

Open dashboard

Late Tasks and its Impact Analysis Dashboard

The Late Task and Its Impact dashboard provides a detailed view of late release tasks and the impact of these delayed tasks within the release and across all dependent releases. The dashboard gives you insights into the current progress of delayed tasks and their associated release tasks, along with the tasks that have a high chance of getting delayed soon. These insights enable you to analyze, set priorities, and take appropriate actions proactively.

As a Release Manager, you can use this dashboard to understand the following business scenarios:

- What all are the late tasks in a release, and by how many days are these tasks late? What is the probability of release being successful?
- What is the progress of all releases that have late tasks, and which is the task type facing repetitive issues?
- What is the cause and impact of a task delay on the current release and all its dependency releases, phases, or tasks?

The filters in the dashboard enable you to drill down further using specific Release Name, Release Folder, Release Owner, Release Tag, Lagging Count of Months, Projected Planned Start and End Date, Release Task Type, and Release Task Tag. The dashboard supports a single level of hierarchy in case of filtering results based on Folders.

Note: The values of KPIs change according to the selected filter, such as Release Folder or Release Owner.

The Late Task and Its Impact dashboard consists of the following pages:

- Late task analysis
- Late gate task and its dependencies

Late task analysis

The Late task analysis dashboard page displays an overall view of direct dependencies of late tasks within a release. This page provides insights on delayed task details, the average number of late days,

and the task type with the highest number of late tasks. With these insights, you can identify, analyze and remediate the delay to improve the release progress.

The Late Task Analysis dashboard page consists of the following sections:

KPIs

- **% Late release task:** Displays the percentage and trend of late tasks over the total number of release tasks.
- **% Running late tasks:** Displays the percentage and trend of late running tasks among all the late release tasks.
- **Avg no of late days:** Displays the average number of days behind schedule for release tasks and the trend of late days count. It is calculated based on the projected end date or baseline end date.
- **No of late running release tasks:** Displays the total number and trend of late running tasks of a release.
- **% Successful late tasks:** Displays the percentage and trend of successful late tasks over the total number of late tasks.
- **Task type with highest late tasks:** Displays the task type that has the highest number of late tasks.

You can hover over the displayed trend of a particular KPI to get a specific month's value.

The panel filters in the dashboard enable you to drill down further using specific Release Name, Release Tag, Release Start and End Date, Release Task Type, and Release Task Tag.

Note: The page-level filters have no impact on KPI values and act only on the grids available on the page.

Late task view by task type

This panel provides a detailed view of late release tasks categorized based on the various task types. Information is represented through a heat map illustrating the number of late release tasks, the average number of late days for each task type. You can identify the area that requires immediate attention to mitigate and accelerate the progress of a release.

The task type wedges are color-coded to indicate the percentage of late tasks based on the predefined threshold values such as 0% -35% in Green, 35% - 65% in Amber, and above 65 % represented in Red.

You can select a specific task type to view more details about the associated tasks in subsequent sections.

Late Tasks

This panel offers a bar graph view that represents the count of late tasks associated with a team, release owner, or release task age category based on the Task Type selected in the "Late Task View by Task Type" section. The X-axis represents the number of late release tasks, and you can select the Y-axis magnitude from the drop-down list.

You can hover over the bar graph to get details of the number of late release tasks and the average number of late days.

Late task details

This grid provides detailed information about the late release tasks, that are categorized based on task type selected in the "Late Task View by Task Type" section. The Late Task Details section displays information such as Task Name, Task Type, Release Name, Release Owner, Status, Projected Start and End Date, Planned Start and End Date, Actual Start Date, and Risk Score.

You can also click the *Link to the Source System* icon against a task name to launch the source system and view more details about the late release tasks.

Late gate task and its dependencies

The Late Gate Task and Its dependencies dashboard page displays detailed information on late gate tasks, the dependent release tasks associated with the gate tasks, and the dependencies of late gate tasks. The dashboard provides you a high-level perception of the impact of late tasks on its dependents, and enables you to distinguish the late tasks that require immediate attention to act promptly. With these facts, you can recognize the impacted gate tasks that cause a delay within a release or across all other releases.

This dashboard page consists of the following sections:

Late gate tasks

This panel exhibits the details of late gate tasks such as Task Name, Release Name, Release Phase Name, and Average Number of Late Days.

You can select a specific gate task name to view more details about the dependents and associated dependencies in subsequent sections.

Dependents of late tasks

This grid shows the data based on the gate task name selection made from the previous panel and displays dependents of release tasks associated with the gate tasks. This panel provides information such as the name of the dependent release task, status of a dependent task, phase of dependent release, release name of dependent, and assigned owner of the dependent release.

Dependencies of late tasks

This grid shows the information of dependency releases that have dependent gate tasks. You can view the following details:

- Release Dependency Type
- Dependency Release Name
- Dependency Release Task Name
- Dependency Release Phase Name
- Dependency Release Owner
- Dependency Release Risk
- Dependency Release Status
- Dependency Release Task Description
- Dependency Release Task Status
- Dependency Release Task Flag Status
- Time to Closure (Hours)
- Time to Start (Hours)

Objects used in this dashboard

This section lists all the attributes and metrics used to build the reports in this dashboard.

Attributes

Attribute Name	Description
Task Type (Source)	Task Type denotes the task that requires user actions, automated tasks, and tasks that serve as containers to group other types of tasks
Release Task Age	Age of the Late Release Tasks bucket in days
Task Name	Title of a Release Task
Task Type (Standardized)	The standardized internal Digital.ai values for task types categories denote tasks that require user action (Manual), automated tasks, and group
Release Name	Title of the dependent Release that is associated through Gate Task
Release Owner	The owner of the release
Status	The status of the task is in for a release
Projected Start Date	The date on which the release task is supposed to start. It is calculated based on the projected dates using the duration specified
Projected End Date	The date on which the release task is supposed to end. It is calculated based on the projected dates using the duration specified
Planned Start Date	The date on which the release task is supposed to start
Planned End Date	The date on which the release task is supposed to end
Actual Start Date	The actual date when a release task is started
Risk Score	Risk Score for a release
Release Name	Title of a Release
Release Phase Name	Title of a Release Phase

Attribute Name	Description
Dependent Release Task Name	Title of the dependency Release Task that has a dependent gate task
Dependent Release Task Status	The status of the dependent release task
Dependent Release Phase Name	Title of the dependent Release phases that are associated through Gate Task
Dependent Release Name	Title of the dependent Release that is associated through Gate Task
Dependent Release Owner	The assigned owner of the dependent release
Release Dependency Type	Dependency type associated with a gate task. For example: Release, Phase, or Task.
Dependency Release Name	Title of the dependent Release that are associated through Gate Task
Dependency Release Phase Name	Title of the dependent Release phases that are associated through Gate Task
Dependency Release Task Name	Title of the dependent Release Tasks that are associated through Gate Task
Dependency Release Owner	The owner of the release
Dependency Release Risk	The Risk Information associated with the Dependency Release
Dependency Release Status	Current status of the Release

Attribute Name	Description
Dependency Release Task Description	The description of the release task
Dependency Release Task Status	The status of the dependency release task
Dependency Release Task Flag Status	The Flags indicate that the release task needs attention

Metrics

Metric Name	Description
No of Late Release Tasks	Total Number of late tasks of the release
Ave. No. Of Late Days	The average number of late days duration for release tasks
Time To Closure (Hours)	Time duration left until the dependency planned end date (in Hours)
Time to Start (Hours)	Time duration left until the dependency planned start date (in Hours)

Release Executive Overview Dashboard

The Release Executive Overview dashboard provides a high-level overview of all releases across the organization along with the key metrics and parameters that influence decision making. Using this dashboard, a Release Manager can review the release execution for all releases or individual release, perform a comparative completion analysis across the releases, and can do a deep dive in the execution details of individual release. Using this dashboard, you can also understand the performance of individual release owners or teams with respect to releases and take measures to help improve a team's success rate.

As a Release Manager, you can use this dashboard to investigate the below insights:

- What is the operational efficiency of releases and which of these releases require immediate attention?
- In large releases, you can closely monitor progress to ensure tasks are completed on time and the release as a whole is completed within the allotted time frame.
- Reduce the manual coordination between teams, release managers upon the release progress discussions

The data displayed in this dashboard pertains to the last 12 months and includes active and archived releases. The default time frame can be modified to suit your business requirement.

The filters in the dashboard enable you to drill down further using specific Release Name, Release Folder, Release Owner, Release Tag, the Lagging Count of Months, and the Projected Planned Start and End Date. The dashboard supports a single level of hierarchy in case of filtering results based on Folders.

The Release Executive Overview dashboard consists of KPIs, and Release, Task Group and Task panels.

KPIs

- **Release Duration (Days):** The average of actual time taken for release from start to complete.
- **Failed Tasks %:** The percentage of tasks whose status is Failed at release level.

- **Flagged Tasks %:** The percentage of tasks whose Release Task Flag status is either in At Risk or Attention Needed at release level.
- **Late Tasks %:** The percentage of late tasks over the total number of release tasks.

Based on the KPIs selected from the dashboard, the Release, Task Group and Task panels displays the relevant release execution details respectively.

Using the Release Executive Overview dashboard, you can drill down the release related details, analyze and compare the trend for the last 12 months.

Release Duration (Days)

Helps you understand more about the release details with respect to the Release Duration.

Release

The Release panel provides an overall view of releases with respect to the Release Duration. You can view the Actual Release Duration Trend and can drill down to the release according to Highest, Lowest, Highest%, and Lowest% of release duration.

The Release panel consists of the following sections:

- **Releases by filtered set of Release Duration** - The Releases by filtered set of Release Duration section displays the release details such as Release Name, Owner, Description, Status, Risk Score, Actual Duration in days, Failed Task percentage, Flagged Task percentage and the Late Task percentage associated with the release.
- **Actual Duration Trend** - The Actual Duration Trend section displays a bar graph that represents the release duration trend. The X-axis represents the calendar month and the Y-axis represents the count of days (Actual Duration). You can hover over the bar graph to get details of the release actual duration in days of a specific month. The Actual Duration Trend section is driven by the Releases by filtered set of Release Duration section.
- **Release Task Details** - The Release Task Details section provides the summary such as the Release Task Name, Description, Status, Release Name, Actual Duration and the Planned Duration in days associated with the selection made in the Releases by filtered set of Release Duration section. The Release Task Details Grid section is driven by the Releases by filtered set of Release Duration section.

Task Group

The Task Group panel provides an overall view of release tasks with respect to the Release task Duration. You can view the last 12 months Release Task Duration Trend and can drill down to the release tasks associated with Task Plugin Sources.

The Task Group panel consists of the following sections:

- **Task Plugin Sources by Release Task Duration** - The Task Plugin Sources by Release Task Duration section displays the details such as Task Plugin Source, Group Task type, Release Task Duration in days, Failed Task percentage, Flagged Task percentage, Late Task percentage, Number of Failed Tasks, Number of Flagged Tasks, and the Number of Late Task associated with the Task Plugin Source for the last 12 months. You can select individual Task plug in source to view the release task duration trend and the associated release task details.
- **Release Task Duration Trend** - The Release Task Duration Trend section displays a bar graph that represents the last 12 months release task duration trend. The X-axis represents the calendar month and the Y-axis represents the count of days (Actual Duration). The data in the Release Task Duration Trend section is driven by the Task Plugin Sources by Release Task Duration section. You can hover over the bar graph to get details of the release actual task duration in days of a specific month.
- **Release Task Details** - The Release Task Details Grid provides the summary such as the Release Task Name, Description, Release Name, Actual Duration and the Planned Duration in days associated with the selection made in the Task Plugin Sources. The Release Task Details section is driven by the 'Task Plugin Sources by Release Task Duration' section.

Task

The Task panel provides an overall view of release tasks details with respect to the Release task Duration. You can view the last 12 months Release Task details according to the selection made in the Release Task Duration.

The Task Group panel consists of the following sections:

- **Tasks by Release Task Duration** - The Tasks by Release Task Duration section displays the release task details such as Release Task Name, Description, Release Name, Status, Flagged Status, Late Task Flag, Actual Duration, and the Planned Duration.

Failed Tasks %

Helps you understand more about the release details with respect to the Failed Task percentage.

Release

The Release panel provides an overall view of releases with respect to the Failed Task %. You can drill down to the release or release task level details with respect to Failed Task % filter such as Highest, Lowest, Highest%, and Lowest% of Failed Task % and compare the Failed Task % trend for last 12 months.

For the Failed Task %, the Release panel consists of the following sections:

- **Release by selected set of Longest Release Duration** - The Releases by selected set of Longest Release Duration section displays the release details such as Release Name, Owner, Description, Status, Risk Score, Actual Duration in days, Failed Task %, Flagged Task % and the Late Task% associated with the release.
- **Failed Tasks % Trend** - The Failed Task % Trend section displays a bar graph that represents trend of last 12 months. The X-axis represents the calendar month and the Y-axis represents the percentage of Failed Tasks. The data in this section is driven by the Releases by selected set of Longest Release Duration. You can hover over the bar graph to get details of the Failed Task percentage for a specific month.
- **Release Task Details** - The Release Task Details section provides the summary such as the Release Task Name, Description, Status, Release Name, Actual Duration and the Planned Duration in days. The Release Task Details Grid section is driven by the 'Releases by selected set of Longest Release Duration' section.

Task Group

The Task Group panel provides an overall view of Failed Release tasks with respect to the Failed Task % KPI. You can view the last 12 months Failed Task % Trend and can drill down to the failed release tasks data associated with Task Plugin Source.

The Task Group panel of Failed Task % consists of the following sections:

- **Task Plugin Group by selected set of Failed Task %** - The Task Plugin Sources by selected set of Failed Task % section displays the release task details such as Task Plugin Source, Group Task

type, Release Task Duration in days, Failed Task percentage, Flagged Task percentage, Late Task percentage, Number of Failed Tasks, Number of Flagged Tasks, and the Number of Late Task associated with the Task Plugin Source for the last 12 months. You can select individual Task plug in source to view the failed task % trend and associated release task details.

- **Failed Task % Trend** - The Failed Task % Trend section displays a bar graph that represents trend of last 12 months. The X-axis represents the calendar month and the Y-axis represents the percentage of Failed Tasks. The data in this section is driven by the Task Plugin Sources by selected set of Failed Task %. You can hover over the bar graph to get details of the Failed Task % for a specific month.
- **Release Task Details** - The Release Task Details Grid provides the summary the Release Task Name, Description, Status, Release Name, Actual Duration, and the Planned Duration in days. The Release Task Details section is driven by the Task Plugin Sources by selected set of Failed Task %.

Task

The Task panel provides an overall view of release tasks with respect to the Release task Duration. You can drill down to the Failed Task details and view the last 12 months of data.

The Task panel consists of the following sections:

- **Tasks by selected set of Failed Task %** - The Tasks by selected set of Failed Task % section displays the release task details such as Release Task Name, Description, Release Name, Status, Flagged Status, Late Task Flag, Actual Duration and the Planned Duration.

Flagged Tasks %

Helps you understand more about the release details with respect to the Flagged Task percentage.

Release

The Release panel provides an overall view of releases with respect to the Flagged Task %. You can drill down to the release or release task level details with respect to Flagged Task % filter such as Highest, Lowest, Highest%, and Lowest% of Flagged Task % and compare the Flagged Task % trend for last 12 months.

For the Flagged Task %, the Release panel consists of the following sections:

- **Releases by selected set of Release Duration** - The Releases by selected set of Release Duration section displays the release details such as Release Name, Owner, Description, Status, Risk Score, Actual Duration in days, Failed Task percentage, Flagged Task percentage and the Late Task percentage associated with the release.
- **Flagged Task % Trend** - The Flagged Task % Trend section displays a bar graph that represents trend of last 12 months. The X-axis represents the calendar month and the Y-axis represents the percentage of Flagged Tasks. The data in this section is driven by the Releases by selected set of Release Duration. You can hover over the bar graph to get details of the Flagged Task % for a specific month.
- **Release Task Details** - The Release Task Details section provides the summary such as the Release Task Name, Description, Status, Release Name, Actual Duration, and the Planned Duration in days. The Release Task Details section is driven by the 'Releases by selected set of Release Duration' section.

Task Group

The Task Group panel provides an overall view of Flagged Release tasks with respect to the Flagged Task % KPI. You can view the last 12 months Flagged Task % Trend and can drill down to the flagged release tasks data associated with Task Plugin Source.

The Task Group panel of Flagged Tasks % consists of the following sections:

- **Task Plugin Sources by selected set of Flagged Task %** - The Task Plugin Sources by selected set of Flagged Task % displays details such as Task Plugin Source, Group Task type, Release Task Duration in days, Failed Task percentage, Flagged Task percentage, Late Task percentage, Number of Failed Tasks, Number of Flagged Tasks, and Number of Late Tasks associated with the Task Plugin Source for the last 12 months. You can select individual Task plug in source to view the flagged task % trend and the associated release task details.
- **Flagged Tasks % Trend** - The Flagged Tasks % Trend section displays a bar graph that represents trend of last 12 months. The X-axis represents the calendar month and the Y-axis represents the percentage of Flagged Tasks. The data in this section is driven by the Task Plugin Sources by selected set of Flagged Task %. You can hover over the bar graph to get details of the Flagged Task % for a specific month.
- **Release Task Details** - The Release Task Details Grid provides the summary such as the Release Task Name, Description, Status, Release Name, Actual Duration, and the Planned Duration in days. The Release Task Details section is driven by the Task Plugin Sources by selected set of Flagged Task % section.

Task

The Task panel provides an overall view of release tasks with respect to the Flagged Task percentage. You can drill down to the Flagged Task details and view the last 12 months of data.

The Task panel consists of the following sections:

- **Tasks by selected set of Flagged Task %** - The Tasks by selected set of Flagged Task % section displays the release task details such as Release Task Name, Description, Release Name, Status, Flagged Status, Late Task Flag, Actual Duration, and the Planned Duration for the last 12 months.

Late Tasks %

Helps you understand more about the release details with respect to the Late Task percentage.

Release

The Release panel provides an overall view of releases with respect to the Late Task %. You can drill down to the release or release task level details with respect to Late Task % filter such as Highest, Lowest, Highest%, and Lowest% of Late Task percentage and compare the Late Task percentage trend for last 12 months.

For the Late Task %, the Release panel consists of the following sections:

- **Releases by selected Late Task %** - The Releases by selected Late Task % section displays the release details such as Release Name, Owner, Description, Status, Risk Score, Actual Duration in days, Failed Task percentage, Flagged Task percentage, and Late Task percentage associated with the release.
- **Late Tasks % Trend** - The Late Task % Trend section displays a bar graph that represents trend of last 12 months. The X-axis represents the calendar month and the Y-axis represents the percentage of Late Tasks. The data in this section is driven by the Releases by selected Late Task %. You can hover over the bar graph to get details of the Late Task percentage for a specific month.
- **Release Task Details** - The Release Task Details section provides the summary such as Release Task Name, Description, Status, Release Name, Actual Duration, and the Planned Duration in days. The Release Task Details section is driven by the 'Releases by selected Late Task %' section.

Task Group

The Task Group panel provides an overall view of Late Release Tasks with respect to the 'Late Task %' KPI. You can view the last 12 months Late Task % Trend and can drill down to the late release tasks data associated with Task Plugin Source.

The Task Group panel of Late Task % consists of the following sections:

- **Task Plugin Sources by Late Tasks %** - The Task Plugin Sources by Late Tasks % section displays the release task details such as Task Plugin Source, Group Task type, Release Task Duration in days, Failed Task percentage, Flagged Task percentage, and Late Task percentage for the last 12 months. You can select individual Task plug in source to view the late task % trend and associated release task details.
- **Late Task % Trend** - The Late Task % Trend section displays a bar graph that represents trend of last 12 months. The X-axis represents the calendar month and the Y-axis represents the percentage of Late Tasks. The data in this section is driven by the Task Plugin Sources by Late Task percentage. You can hover over the bar graph to get details of the Late Task % for a specific month.
- **Release Task Details** - The Release Task Details section provides the summary such as the Release Task Name, Description, Status, Release Name, Actual Duration, and the Planned Duration in days. The Release Task Details section is driven by the Task Plugin Sources by Late Task %.

Task

The Task panel provides an overall view of release tasks with respect to the Late Task percentage. You can drill down to the Late Task details and view the last 12 months of data.

The Task panel consists of the following sections:

- **Tasks by Late Task %** - The Tasks by Late Task % section displays the release task details such as Release Task Name, Description, Release Name, Late Task Flag, Status, Flagged Status, Actual Duration, and the Planned Duration for the last 12 months.

Objects used in this chapter

This section lists all the attributes and metrics that have been used to build the reports in this dashboard.

Attributes

Attribute Name	Description
Release Calendar Month	Release Gregorian calendar month displayed in the format 'Mon YYYY'
Release Description	The description of the release
Release Folder	Name of the Folders within which Releases are Organized
Release Folder Level 1	Release Folder at level 1
Release Lagging Count of Months	Count of number of months since the first data record till current month (where current month is taken as 0)
Release Name	Title of a Release
Release Owner	The owner of the of the release
Release Projected Planned End Date	The date on which the release is supposed to end. It is calculated projected dates using the duration specified
Release Projected Planned Start Date	The date on which the release is supposed to start. It is calculated projected dates using the duration specified
Release Risk Score	Risk Score for a release
Release Status (Source)	Current status of the Release (active or abandoned)
Release Tag	Labels or keywords associated with a Release
Release Task Calendar Month	Release Task Gregorian calendar month displayed in the format
Release Task Description	The description of the release task
Release Task Flag Status (Source)	Flags indicate that release task needs attention

Attribute Name	Description
Release Task Lagging Count of Months	Count of number of months since the first data record till current month (where current month is taken as 0)
Release Task Late Flag	The flags indicate that the release task needs attention
Release Task Name	Title of a Release task
Release Task Status (Source)	The status the task is in for a release
Release Task Type Group Task (Source)	Release Task Type Group Task Source Values
Task Plugin Source	Task type plugin source

Metrics

Metric Name	Description
% of Failed Release Task	Ratio of all tasks that are failed
% of Flagged Release Task	Percentage of tasks that required intermediate attention
% Late Release Tasks	Percentage of tasks which are late among all the tasks
Avg Release Actual Duration (Days)	Actual time taken for release from start to complete
Avg Release Planned Duration (Days)	Duration that is planned for the release
Avg Release Schedule Variance (Days)	The schedule difference of the planned duration of the release against the actual duration of the release.

Metric Name	Description
Avg Release Start Delay Duration (Days)	It is the delay in starting release with respect to scheduled start of the release
Avg Release Task Actual Duration (Days)	Average of the duration of all tasks where duration is the time between Actual start and actual end date of the task
Avg Release Task Planned Duration (Days)	Average of the duration of all tasks where duration is the time between planned start and planned end date of the task
No of Failed Release Task	Count of Tasks that are failed
No of Flagged Release Task	Count of tasks that required immediate attention
Release Timeline Actual Duration Start X	Starting position of Actual duration bar in timeline chart
Release Timeline Start X	Starting position of timeline chart
Release Time line Total Duration	Release Time line Total Duration for Reference
Release Timeline Variance Start X	Starting position of Variance duration bar in timeline chart

Release Task Open Work Analysis Dashboard

The Release Task Open Work Analysis dashboard provides a detailed view of open release tasks and the trend of upcoming release tasks. You can also view the tasks that are contributing to delays in the release and take necessary actions. With these insights, you can gauge the current standing of the task progress, along with the overall status of release tasks at different stages of the release, and can be better prepared for the upcoming release tasks.

As a Release Manager, you can use this dashboard to understand the following business scenarios:

- What is the overall status of a Release task and its associated Release tasks at different stages or types?
- What are the open or pending tasks, and which of these tasks require immediate attention?
- What are all the upcoming tasks, and is there any dependency that causes a delay, or any prioritization required?

This dashboard enables you to perform detailed analysis on the current release tasks that are open, and identify areas to focus on, to improve the overall release progress. Additionally, you can view detailed information about upcoming release tasks and ensure that there are no impediments to release.

You can use the filter in the dashboard to analyze information related to specific Release Folder and Release Owner. The dashboard supports a single level of hierarchy in case of filtering results based on Folders.

The filters in the dashboard enable you to drill down further using specific Release Name, Release Folder, Release Owner, Release Tag, Lagging Count of Months, Projected Planned Start and End Date, Release Task Type, Release Task Tag, and Task Starting in N Hours. The dashboard supports a single level of hierarchy in case of filtering results based on Folders.

Note: The values of KPIs changes according to the selected filter such as Release Folder or Release Owner.

The Release Task Open Work Analysis dashboard consists of the following sections:

KPIs

- **No of open release task:** Displays the total number of Release tasks whose status are either In Progress, Failed, or Planned.
- **No of upcoming release tasks - next 12 months:** Displays the total number of Release tasks in Planned status for the next 12 months.
- **No of inprogress release task:** Displays the total number of Release tasks whose status is In Progress.
- **No of completed release tasks - last 30 days:** Displays the total number of Release tasks that are completed in the last 30 days.
- **% Completed release tasks - last 30 days:** Displays the percentage of Completed Release tasks for the release in the last 30 days.
- **% Late release tasks open and completed:** Displays the percentage of Release tasks that are late among all the open and completed tasks in the last 30 days.

The panel filters in the dashboard enable you to drill down further using specific Release Name, Release Tag, Release Start and End Date, Release Task Type, Task Starting in N Hours, and Release Task Tag.

Note: The panel filters have no impact on KPI values and act only on the grids available on the page.

In progress tasks

This panel provides detailed information about the In progress release tasks. You can use the page level filters in the dashboard as per your requirement to populate the data in this grid. You can find the details such as Task Name, Phase Name, Release Names, Task Type, Task Planned End Date, Release Risk Score, and the remaining time left to complete the specific release task.

You can also click the *Link to the Source System* icon against a specific task name to launch the source system and view more details about the work items.

Task trend for next 15 days

Displays a line graph that provides the trend of release tasks for the next 15 days of the planned start date. The X-axis represents the calendar date and the Y-axis represents the count of upcoming release tasks.

You can hover over the line graph to get details of the number of upcoming release tasks on a specific date.

Task starting in N hours

Displays a grid that provides information about the tasks beginning in the next N hours depending on further filter selection in the grid. The default value for N is 3 hours. You can view the number of hours remaining until the projected planned start date or planned start date of the release task. With these forecasted insights of release tasks, you can foresee the dependencies and organize accordingly.

Note: N hours can be modified to suit your business requirement. You must always choose the "Less than or equal to" option while entering the desired N hours.

You can also click the *Link to the Source System* icon against a task name to launch the source system and view more details about the upcoming release tasks.

Late Tasks

This panel provides detailed information about the late release tasks such as, Task Name, Release Name, Release Owner, Task Type, Task Status, Projected Planned Start and End Date, Planned Start and End Date, Actual Start Date, and Risk Score and also includes late tasks that are planned for the upcoming release. The tasks that are In Progress status are considered late when the current date is more than the project end date, or the projected end date is greater than the planned end date. The upcoming release tasks are considered late when the projected start date is greater than the planned start date. The data in this grid is driven by the filter selection in the dashboard.

You can also click the *Link to the Source System* icon against a task name to launch the source system and view more details about the late release tasks.

Objects used in this dashboard

This section lists all the attributes and metrics used to build the reports in this dashboard.

Attributes

Attribute Name	Description
Task Name	Title of a Release Task
Phase Name	Title of a Release Phase

Attribute Name	Description
Release Name	Title of a Release
Task Type	Task Type denotes the task that requires user actions, automated tasks, and tasks that serve as containers to group other types of tasks
Task Projected End Date	The date on which the release task is scheduled to end
Release Owner	The owner of the release
Team	The name of the team this specific task is assigned to
Projected Planned Start Date	The date on which the release task is scheduled to start and is calculated based on the specified duration
Planned Start Date	The date on which the release task is scheduled to start
Status	The current status of the release task
Projected Planned End Date	The date on which the release task is supposed to end. It is calculated projected dates using the duration specified
Planned End Date	The date on which the release task is scheduled to end
Actual Start Date	The date when the release task is actually started
Risk Score	Risk Score for a release

Metrics

Metric Name	Description
Time To Close Release Task(Hours)	Time duration left until the task was initially planned to close (projected planned end date or planned end date of release task (in hours))
Hours Until Task Start	Time duration left until projected planned start date or planned start date of release task (in hours)
No of Open Release Tasks	Total no of tasks that are either in progress, failed or planned in the release
No of Upcoming Release Tasks - Next 12 Months	Count of release tasks that are in planned status and planned date is in future 12 months
No of In Progress Release Tasks	Count of Tasks that are in In Progress status
No of Completed Release Tasks - Last 30 days	Count of Tasks that are completed
% Completed Release Tasks - Last 30 Days	Percentage of tasks that are completed
% Late Release Tasks Open and Completed	Percentage of tasks which are late among all the open and last 30 days completed task

Release Dependency Dashboard

The Release Dependency dashboard enables you to identify, analyze and mitigate Release, Phase or Task dependencies and dependents on a gate task that is associated with a Release contributing to unplanned delays that can affect scheduled releases. Delays can impact businesses by affecting the time-to-market and can result in lost market opportunities.

As a Release Manager, you can find answers for some of the key business scenarios such as:

- Understand the impact of task delays on all its dependency releases, phases, or tasks.
- View the critical path across or within releases that have dependency gate tasks to understand the time required to complete a release.
- View Release Tasks that have the highest dependencies and which are delaying the completion of its dependency and dependent Releases, Phases, or Tasks.

This dashboard is built using the Release, Release Dependency, Release Task, Release Dependent, Release Multi Level Dependency and Release Tag iCubes and fetches data based on the filter specified for these iCubes.

You can use the filter in the dashboard to analyze information related to specific Folder, Release Owners, and Release Tag; the dashboard supports a single level of hierarchy in case of filtering results based on Folders.

The Release Dependency dashboard consists of the following pages:

- Direct Dependencies Analysis
- Dependent and Multi Level Dependencies for Release View

Direct Dependencies Analysis

The Direct Dependencies Analysis dashboard page is focused on Releases holding direct dependency on a gate task that is associated with a Release. The valuable insights provided in this dashboard ensure that you identify risks well in advance and be better prepared for the release, such as risk status of the releases, number of gate tasks, details of dependencies under the gate task and so on.

Note: All the KPIs display data of the current month. The graphs display data pertaining to the current month and the previous 12 months.

This dashboard page consists of the following sections:

KPIs

- **% Gate Task Releases:** Displays the percentage and the trend of release with at least one gate task over total release volume.
- **% Successful Gate Task Releases:** Displays the percentage and the trend of successful release containing gate task over total number of release containing gate task.
- **% Successful Gate Tasks:** Displays the percentage and the trend of gate task which are executed successful over total number of gate task.
- **No of Gate Tasks:** Displays the total number and the trend of gate tasks.
- **No of Open Gate Tasks:** Displays the total number and the trend of gate task which are currently in open state.
- **Avg Gate Tasks per Release:** Displays the average number of gate task and the trend present per release.

The KPIs display the growth percentage compared to the previous month. If in green symbolizes a positive impact on growth and if in red symbolizes a negative impact on growth.

A pop-up appears when you hover over the line of the respective graph that displays details, such as percentage of releases containing gate task, percentage of successful releases containing gate task, percentage of gate tasks successfully executed, total number of gate tasks, total number of open gate tasks and average number of gate tasks per release of a particular month.

Releases with Open Dependencies

This Panel gives you details about releases with open dependencies. Displays a grid that provides detailed information and overall view of releases, risk information of release, risk score of release, flag status which indicates if the release needs attention, current status of the release, total number of dependencies, total number of open dependencies and the remaining time left to complete the release. Time to release closure displays the days of time left to complete the release converted in decimal.

You can also click the Link to the Source System icon against a release to launch the source system and view more details about the release, select a particular Release to drive the data displayed in

subsequent section and view information only related to the selected Release.

Gate Task Releases Monthly Trend

This panel displays a dual y-axis line graph that shows the trend of percentage of release containing gate task completed within time and percentage of successful release containing gate task over the last 12 months. A pop-up appears when you hover over the line of a particular month and display the percentage of release containing work item completed within time and percentage of successful release containing gate task.

Gate Tasks with Open Dependencies

This grid is driven by the previous section, focused on gate tasks with open dependencies and displays the overall view of gate task associated to a release, total number of dependencies, number of open dependencies, number of open dependencies closing in N hours and number of open dependencies starting in N hours. Select a particular gate task to drive the data displayed in subsequent section.

Note: N is configurable value in hours and can be modified to suit your business requirement.

Direct Open Dependencies

This grid is driven by the previous section and displays details such as, type of dependency, title of the dependency release, phase of the dependency, title of dependency release task, description of the dependency release, owner of the dependency release, status of the dependency release, risk information of dependency, status of dependency phase, description of the release task, flag status which indicates if the release task needs attention, status of dependency task, and time left until dependency planned end and start date.

You can also click the Link to the Source System icon against a dependency release to launch the source system and view more details about the release.

Dependent and Multi Level Dependencies for Release View

The Dependent and Multi Level Dependencies for Release View dashboard page is focused on Releases holding dependent and dependency involving many levels. The valuable insights provided in this

dashboard ensure that you identify risks well in advance and be better prepared for the upcoming release, such multi level dependency release, status of multi level dependency release, dependent release and so on.

Releases with Open Dependencies by Criticality

This panel displays a bar graph that represents releases which includes open dependencies on y-axis and criticality factor on x-axis, where criticality factor is the sum of dependent tasks and dependency task. The magnitude of horizontal release bars indicates the criticality factor. A pop-up appears when you hover over the line of a particular month that display the name of the release, criticality factor, count of dependent release task, total number of dependencies and total number of open dependencies.

Select a particular Release to drive the data displayed in subsequent section and view information only related to the selected Release.

Release Network Chart

This panel displays a release network chart and provides detailed information of release having direct dependency, dependencies involving many levels and dependents. You can select a particular release to know all the release dependencies and dependents or select an arrow to know the dependency release of a particular release.

Note: For a particular release, outgoing arrows indicate dependencies and incoming arrows indicate dependents.

For example, consider test4, test5, and test6 to be the three planned releases, of which test5 is the current release. The outgoing arrow from test5 indicates; test5 has a dependency on test6 and the incoming arrow to test5 indicates; test4 is dependent on test5.

Multi Level Open Dependencies

This grid is driven by any release selection made from the previous panel and displays dependencies involving many levels. The panel displays information such as type of dependency, release name of dependency, phase of dependency, task of dependencies, description of dependency release, assigned owner name of dependency release, status of dependency release, risk of dependency release that indicates if the release needs attention, status of dependency phase, description of dependency task, flag status which indicates if the release task needs attention, status of dependency task, release name of linked dependency, and time duration left to start and end until the planned start and end date.

Dependents Overview

This grid is driven by any release selection made from the previous panel and displays dependents of the release involving many levels. The panel displays information such as task of dependent, status of dependent task, phase of dependent, release name of dependent and assigned owner name of dependent release.

You can also click the Link to the Source System icon against a dependent release to launch the source system and view more details about the release.

Metrics used in this dashboard

Metric Name	Description
% Gate Task Releases	Percentage of releases with at least one gate task over total release volume
% Successful Gate Task Releases	Percentage of gate task releases which are successful over total no of gate task releases
% Successful Gate Tasks	Percentage of gate tasks which are successful among all the gate tasks
Number of Open Gate Tasks	Count of gate tasks which are of status open
Average Gate Tasks per Release	Average number of gate tasks per release
Number of Dependencies	Total number of direct dependencies, which can be release, phase or release task
Number of Open Dependencies	Total number of direct open dependencies, which can be release, phase or release task
Time to Release Closure (Days)	Time duration left until projected planned end date or planned end date of release (in days)

Metric Name	Description
% Gate Task Releases Completed Within Time	Percentage of Releases which are completed within time and have at least one gate task among all the gate task releases
Dependencies Closing in N Hours	Number of dependencies where time remaining till dependency closure is less than or equal to next N hours
Dependencies Starting in N Hours	Number of dependencies where time remaining till dependency commencement is less than or equal to next N hours
Time to Closure (Hours)	Time duration left until the dependency planned end date (in Hours)
Time to Start (Hours)	Time duration left until the dependency planned start date (in Hours)
Criticality Factor	Determines the criticality of a release in terms of sum of total number of direct/indirect dependencies and dependent tasks on it

On Boarding Plan and Progress Dashboard

The On Boarding Plan and Progress Dashboard provide a snapshot view of the on-boarding progress of the internal customers as they roll out the Digital.ai Release and Deploy to their new teams or applications. This dashboard provides the trend and an overview of the monthly growth status in terms of the users, release folders, folders with successful releases, release teams involved along with integrations.

The Platform Engineering or DevOps COE teams are responsible for facilitating and optimizing the release process for a portfolio of teams and applications. Using this dashboard, the Platform Engineering or DevOps COE teams can monitor the deployment of Release & Deploy to additional teams and applications by their internal customers.

The DevOps or Platform Engineering teams can use this dashboard to:

- Examine the progress trend of customer on-boarding over the last 12 months or 13 weeks of data.
- Identify the issues or delays related to the customer on-boarding process and provide support to resolve them.
- Evaluate the effectiveness of internal customer on-boarding processes.
- Set the Monthly growth target and compare the actual and average growth values.

The On Boarding Plan and Progress dashboard is built using the Release, Release Task, Release Team, Release Team Member, Release User, Release Folder, Release Application, and Release Task Type Deployment iCubes and fetches data based on the filter specified for these iCubes.

The On Boarding Plan and Progress dashboard consists of the following panels:

- On Boarding Maturity
- Application Deployment Maturity

On Boarding Maturity

The On Boarding Maturity panel gives a summary of the last 12 months or 13 weeks data of on boarding information including the trends with respect to the KPIs such as Users, Release Folders, Release

Teams, Integrations, and Folders with Completed Releases. This panel provides you with a snapshot of the relevant weekly or monthly data so you can understand the trend in on boarding and the growth attained. You can view and compare the data on user on boarding trends, the growth rate of active users, and user details using this On Boarding Maturity panel. Additionally, you can use the corresponding sections to drill down to the associated release or task level details.

The On Boarding Maturity panel consists of the following sections:

- **KPIs:** By default, the KPIs listed on this dashboard show the value for the current month. The following KPIs are driving the sections in the monthly and weekly panels:
 - **Users:** The total number of users on-boarded in the current month.
 - **Folders:** The number of new folders created in the current month
 - **Folders with Completed Releases:** The number of release folders with successful releases for the month.
 - **Release Teams:** Number of newly added release teams for the current month.
 - **Integrations Used:** The total number of integrations used in the current month's release.
- **Monthly Panel:** The information on this Monthly panel covers the last 12 months data. Using this panel, you can drill down into the Monthly KPIs and the associated release details.
- **Weekly Panel:** The Weekly panel provides the data for last 13 weeks. Using this panel, you can drill down into the Weekly values and the associated release details.

Users

The dashboard displays the section related to the **User** KPI by default. Following are the sections related to this **User** KPI:

Users Onboarding Trend

The Users Onboarding Trend section in the Monthly or Weekly panel provides the trend of new users compared to total users. The X-axis represents the calendar month or week, and Y-axis represents the number of new and cumulative users accordingly. You can drill down to a specific month's or week's data by selecting the required month or week from the graph.

Active Users

The Active Users section in the Monthly or Weekly panel provides the trend of the number of active users and the percentage of active users' growth. The graph's Y-axis displays the number of active users and their growth percentages, while the X-axis shows the calendar months or weeks.

New Users of Selected Month or Week

In the Monthly and Weekly panel, the No of Users Added section displays the details of the newly added user for a specific month or week, along with the number of Release Teams, Releases, and Tasks they are associated with. You can select the individual users to view associated release details. The data in this section is driven by the 'Onboarding Trend' section.

Release Details of Selected Users

The data in this section is driven by the 'New Users of Selected Month' section. This section 'Release Details of Selected Users' in the Monthly or Weekly panel, provides the release-related details associated with a user such as the Release Name, Release Owner, Release Folder, Release Status, and the Number of Release Tasks associated with the user.

You can also click the Link to the Source System icon against the release to launch the source system and view more details about the release.

Folders

You can view the detailed information in the Monthly or Weekly Panels by clicking the **Folders** from KPIs and selecting the **Go To "Release - Folders"** option. Click the Monthly or Weekly panel to load the corresponding data in the panel.

Folders Onboarding Trend

The Folders Onboarding Trend section in the Monthly or Weekly panel provides the trend of new folders compared to cumulative folders. The X-axis represents the calendar month or week, and Y-axis represents the number of new and cumulative folders accordingly. You can drill down to a specific month's or week's data by selecting the required month or week from the graph.

Active Folders

The Active Folders section in the Monthly or Weekly panel provides the trend of the number of active folders and the percentage of active folders' growth. The graph's Y-axis displays the number of active folders and their growth percentages, while the X-axis shows the calendar months or weeks.

New Folders of Selected Month or Week

In the Monthly or Weekly panel, the New Folders of Selected Month or Week section displays the details of the newly added folder for a specific month or week, along with the Number of Teams, % of

Successful Releases, Number of Running Releases and Number of Releases associated with the newly created folders. You can select the individual folders to view associated release details. The data in this section is driven by the 'Onboarding Trend' section.

Release Details of Selected Folders

The data in this section is driven by the 'New Folders of Selected Month or Week' section. This section 'Release Details of Selected Folders' in the Monthly and Weekly panel, provides the release-related details associated with a folder such as the Release Name, Release Owner, Release Folder, Release Status, No of Release Tasks, and the Release Risk Score associated with the folder.

You can also click the Link to the Source System icon against the release to launch the source system and view more details about the release.

Folders with Completed Releases

You can view the detailed information in the Monthly and Weekly Panels by clicking the **Folders with Completed Releases** from KPIs and selecting the **Go To "Release - Folders with Completed Releases"** option. Click the Monthly or Weekly panel to load the corresponding data in the panel.

Folders Onboarding Trend

The Folders Onboarding Trend section in the Monthly or Weekly panel provides the trend of new folders with completed releases compared to cumulative folders with completed releases. The X-axis represents the calendar month or week, and Y-axis represents the number of new and cumulative folders with completed releases accordingly. You can drill down to a specific month's or week's data by selecting the required month or week from the graph.

Active Folders with Completed Releases

The Active Folders with Completed Releases section in the Monthly or Weekly panel provides the trend of the number of active folders with completed releases and the percentage of active folders' growth. The graph's Y-axis displays the number of active folders with completed releases and their growth percentages, while the X-axis shows the calendar months or weeks.

New Folders with Completed Releases of Selected Month or Week

The New Folders with Completed Release of Selected Month or Week section displays the details of the newly added folder with completed release for a specific month or week, along with the Number of

Release Teams, Release Owner, Release Volume, % of Successful Releases, Number of Running Releases and Number of Completed Releases associated with the newly created folders in the Monthly or Weekly panel accordingly. You can select the individual folders to view associated release details. The data in this section is driven by the 'Folders Onboarding Trend' section.

Release Details of Selected Folders

The data in this section is driven by the 'New Folders with Completed Release of Selected Month or Week' section. The 'Release Details of Selected Folders' section in the Monthly and Weekly panel, provides the release related details such as the Release Name, Release Owner, Release Actual End Date, and the No of Release Tasks associated with the selected folder.

You can also click the Link to the Source System icon against the release to launch the source system and view more details about the release.

Release Teams

You can view the detailed information in the Monthly and Weekly Panels by clicking the **Releases Teams** from KPIs and selecting the **Go To "Release - Teams"** option. Click the Monthly or Weekly panel to load the corresponding data in the panel.

Teams Onboarding Trend

The Teams Onboarding Trend section in the Monthly or Weekly panel provides the trend of new teams compared to cumulative teams. The X-axis represents the calendar month or week, and Y-axis represents the number of new and cumulative teams accordingly. You can drill down to a specific month's or week's data by selecting the required month or week from the graph.

Active Release Teams

The Active Release Teams section in the Monthly or Weekly panel provides the trend of the number of active release teams and the percentage of active teams' growth. The graph's Y-axis displays the number of active release teams and their growth percentages, while the X-axis shows the calendar months or weeks.

New Teams of Selected Month or Week

The New Teams of Selected Month or Week section displays the details of the newly added release teams for a specific month or week, along with Release Teams, % of Failed Release Tasks, % of

Successful Release by Team, No of Running Releases by Team, No of Release Team Members, and Number of Releases associated with the newly added release teams in the Monthly or Weekly panel accordingly. You can select an individual team to view the associated release details. The data in this section is driven by the 'Teams Onboarding Trend' section.

Release Details of Selected Teams

The data in this section is driven by the 'New Teams of Selected Month or Week' section. The Release Details of Selected Teams section in the Monthly and Weekly panel provides the release- related details such as the Release Name, Release Owner, Status, and the Risk Score associated with the selected release team.

You can also click the Link to the Source System icon against the release to launch the source system and view more details about the release.

Integrations Used

You can view the detailed information in the Monthly or Weekly Panels by clicking the **Integrations Used** from KPIs and selecting the **Go To "Release - Integrations"** option. Click the Monthly or Weekly panel to load the corresponding data in the panel.

Integrations Onboarding Trend

The Integrations Onboarding Trend section in the Monthly or Weekly panel provides the trend of new integrations compared to cumulative integrations. The X-axis represents the calendar month or week, and Y-axis represents the number of new and cumulative integrations accordingly. You can drill down to a specific month's or week's data by selecting the required month or week from the graph.

Active Integrations Used

The Active Integrations Used section in the Monthly or Weekly panel provides the trend of the number of active integrations and the percentage of used active integrations' growth. The graph's Y-axis displays the number of active integrations used and their growth percentages, while the X-axis shows the calendar months or weeks.

New Integrations of Selected Month or Week

The New Integrations of Selected Month or Week section displays the details of the newly added integrations for a specific month or week, along with Task Plug in Source, No of Releases, % of

Successful Release Tasks, and Number of Releases associated with the newly added integrations in the Monthly or Weekly panel accordingly. You can select the individual integrations to view associated release details. The data in this section is driven by the 'Integrations Onboarding Trend' section.

Task Details of Selected Source

The data in this section is driven by the 'New Integrations of Selected Month or Week' section. The Task Details of Selected Source section in the Monthly and Weekly panel, provides the release task related details such as the Task Name, Release Name, Actual End Date, and the Actual Start Date associated with the selected integration.

You can also click the Link to the Source System icon against the release task to launch the source system and view more details about the release.

Note: Click the Application Deployment Maturity panel to access the option **Go To Page: Deployment Applications** and select to view the specific details.

Application Deployment Maturity

The Application Deployment Maturity panel provides an overview of the onboarded Application details for the last 12 months and the trend with respect to KPIs such as Applications Used, Applications More Than 1 Deployment, Applications More Than 2 Environments, Applications with PROD deployments, and the Applications Where Deployment Failure Rate More Than Ideal. This panel helps you with a picture of respective monthly or weekly information to understand the Applications onboarding trend and growth achieved. Additionally, you can use the corresponding sections to drill down to the associated environments or deployment details.

The Application Deployment Maturity panel consists of following sections:

- **KPIs:** By default, the KPIs listed on this dashboard show the value for the current month. The following KPIs are driving the sections in the monthly and weekly panels:
 - **Applications Used:** The total number of Applications on-boarded in the current month.
 - **Applications More Than 1 Deployment:** The number of Applications associated with multiple deployments irrespective of any type of environment.
 - **Applications More Than 2 Environments:** The number of applications with deployments associated to more than two different environment types.

- **Applications with PROD deployments:** The number of applications where the deployments are associated with the production environment.
- **Applications Where Deployment Failure Rate More Than Ideal:** The count of applications where the deployment failure rate is greater than a defined acceptable target failure rate.
- **Monthly Panel:** The information on this Monthly panel covers the last 03 months data. Using this panel, you can drill down into the Monthly KPIs and the associated release details.
- **Weekly Panel:** The Weekly panel provides the data of last 08 weeks. Using this panel, you can drill down into the Weekly values and the associated release details.

Applications Used

The dashboard displays the section related to the **Applications Used** KPI by default. Following are the sections related to this KPI:

Applications Onboarding Trend

The Applications Onboarding Trend section in the Monthly or Weekly panel provides the trend of new applications compared to cumulative applications. The X-axis represents the calendar month or week, and Y-axis represents the number of new and cumulative applications accordingly. You can drill down to a specific month's or week's data by selecting the required month or week from the graph.

Active Applications

The Active Applications section in the Monthly or Weekly panel provides the trend of the number of applications from release task type deployment and their monthly or weekly growth. The graph's Y-axis displays the number of applications from release task type deployment and their growth percentages, while the X-axis shows the calendar months or weeks accordingly.

New Applications of Selected Month or Week

The New Applications of Selected Month or Week section displays the details of the newly added applications for a specific month or week, along with Release Task Application, First Deployed Date, Last Deployed Date, Last Deployed Version, Last Deployed Environment, No of Deployments, and the No of Failed Deployments associated with the newly added applications in the Monthly or Weekly panel respectively. You can select an individual application to view the associated release details. The data in this section is driven by the 'Applications Onboarding Trend' section.

Deployment Task Details of Selected Application

The data in this section is driven by the 'New Applications of Selected Month or Week' section. The Deployment Task Details of Selected Application section in the Monthly and Weekly panel, provides the release task related details such as the Task Name, Environment Name, Environment Stage, Version, Actual End Date, and the Actual Start Date associated with the selected application.

You can also click the Link to the Source System icon against the release task to launch the source system and view more details about the release.

Applications More Than 1 Deployment

You can view the detailed information in the Monthly and Weekly Panels by clicking the **Applications More Than 1 Deployment** from KPIs and selecting the **Go To "Deployment - Applications More Than 1 Deployment"** option. Click the Monthly or Weekly panel to load the corresponding data in the panel.

Applications Onboarding Trend

The Applications Onboarding Trend section in the Monthly or Weekly panel provides the trend of new applications with more than one deployment compared to cumulative count of applications with more than one deployment. The X-axis represents the calendar month or week, and Y-axis represents the count of new and cumulative applications with more than one deployment accordingly. You can drill down to a specific month's or week's data by selecting the required month or week from the graph.

Active Applications Deployed More Than Once

The 'Active Applications Deployed More Than Once' section in the Monthly or Weekly panel provides the trend of the applications associated with more than one deployment irrespective of the environment and their monthly or weekly growth. The graph's Y-axis displays the number of applications >1 deployed environment and their growth percentages, while the X-axis shows the calendar months or weeks accordingly.

New Applications 1 Deployment to any Environment of Selected Month or Week

The 'New Applications 1 Deployment to any Environment of Selected Month or Week' section displays the details of the newly added applications with more than one deployment irrespective of the environment for a specific month or week. Additionally, this section helps us with the details of Application Name, Last Deployed Version, Last Deployed Environment, No of Deployments, and the No of Failed Deployments associated with the newly added applications in the Monthly or Weekly panel respectively. You can select an individual application to view the associated release details. The data in this section is driven by the 'Applications Onboarding Trend' section.

Deployment Task Details of Selected Application

The data in this section is driven by the 'New Applications 1 Deployment to any Environment of Selected Month or Week' section. The Deployment Task Details of Selected Application section in the Monthly and Weekly panel, provides the release task related details such as the Task Name, Environment Name, Status, Version, Release Name, and the Actual Duration associated with the selected application.

You can also click the Link to the Source System icon against the release task to launch the source system and view more details about the release.

Applications More Than 2 Environments

You can view the detailed information in the Monthly and Weekly Panels by clicking the **Applications More Than 2 Environments** from KPIs and selecting the **Go To "Deployment - Applications Deployed More Than 2 Environments"** option. Click the Monthly or Weekly panel to load the corresponding data in the panel.

Applications Onboarding Trend

The Applications Onboarding Trend section in the Monthly or Weekly panel shows the trend of new and cumulative count of applications with deployments associated to more than two environments. The X-axis represents the calendar month or week and Y-axis represents the count of new and cumulative applications deployments associated with more than two environments accordingly. You can drill down to a specific month's or week's data by selecting the required month or week from the graph.

Active Applications with Deployments in 2 Environment

The 'Active Applications with Deployments in 2 Environment' section in the Monthly or Weekly panel provides the trend of the applications deployments associated with more than two environments and their monthly or weekly growth. The graph's Y-axis displays the number of applications 2 deployed environments and their growth percentages, while the X-axis shows the calendar months or weeks accordingly.

New Applications with Deployments in 2 Environment of Selected Month or Week

The 'New Applications with Deployments 2 Environment of Selected Month or Week' section displays the details of the newly added application deployments associated with more than two environments for a specific month or week. Additionally, this section helps us with the details of Application Name, Last Deployed Version, Last Deployed Environment, No of Deployments and the No of Failed Deployments.

You can select an individual application to view the associated release details. The data in this section is driven by the 'Applications Onboarding Trend' section.

Deployment Task Details of Selected Application

The data in this section is driven by the 'New Applications with Deployments 2 Environment of Selected Month or Week' section. The Deployment Task Details of Selected Application section in the Monthly and Weekly panel, provides the release task related details such as the Task Name, Environment Name, Status, Version, Release Name, and the Actual Duration associated with the selected application.

You can also click the Link to the Source System icon against the release task to launch the source system and view more details about the release.

Applications with PROD deployments

You can view the detailed information in the Monthly and Weekly Panels by clicking the **Applications with PROD deployments** from KPIs and selecting the **Go To "Deployment Applications With PROD Deployments"** option. Click the Monthly or Weekly panel to load the corresponding data in the panel.

Applications Onboarding Trend

The Applications Onboarding Trend section in the Monthly or Weekly panel shows the monthly or weekly trend of new and cumulative count of applications deployed to Production. The X-axis represents the calendar month or week and Y-axis represents the count of new and cumulative applications deployments to PROD accordingly. You can drill down to a specific month's or week's data by selecting the required month or week from the graph.

Active Applications Deployed in PROD

The 'Active Applications Deployed in PROD' section in the Monthly or Weekly panel provides the trend of the applications deployments to PROD and their monthly or weekly growth. The graph's Y-axis displays the number of applications associated with PROD deployments and their growth percentages, while the X-axis shows the calendar months or weeks accordingly.

New Applications with Deployments in PROD of Selected Month or Week

The 'New Applications with Deployments in PROD of Selected Month or Week' section displays the details of the newly added applications associated with PROD deployments for a specific month or week. Additionally, this section helps us with the details of Application Name, Last Deployed Version,

Last Deployed Environment, No of Deployments and the No of Failed Deployments. You can select an individual application to view the associated release details. The data in this section is driven by the 'Applications Onboarding Trend' section.

Deployment Task Details of Selected Application

The data in this section is driven by the 'New Applications with Deployments in PROD of Selected Month or Week' section. The Deployment Task Details of Selected Application section in the Monthly and Weekly panel, provides the release task related details such as the Task Name, Environment Name, Status, Version, Release Name, and the Actual Duration associated with the selected application.

You can also click the Link to the Source System icon against the release task to launch the source system and view more details about the release.

Applications where Deployment Failure Rate More Than Ideal

You can view the detailed information in the Monthly and Weekly Panels by clicking the **Applications Where Deployment Failure Rate More Than Ideal** from KPIs and selecting the **Go To "Deployment Applications Where Deployment Failure Rate More Than Ideal"** option. Click the Monthly or Weekly panel to load the corresponding data in the panel.

Applications Onboarding Trend

The Applications Onboarding Trend section in the Monthly or Weekly panel shows the trend of applications count where deployment failure rate more than ideal. The X-axis represents the calendar month or week and Y-axis represents the count of applications where deployment failure rate more than ideal accordingly. You can drill down to a specific month's or week's data by selecting the required month or week from the graph.

Active Applications where Deployment Failure Ideal

The 'Active Applications where Deployment Failure Ideal' section in the Monthly or Weekly panel provides the monthly or weekly trend of the applications with deployment failure rate is greater than expected and their monthly or weekly growth rate. The graph's Y-axis displays the application count and their growth percentages, while the X-axis shows the calendar months or weeks accordingly.

Applications where Deployment Failure Ideal of Selected Month or Week

The 'Applications where Deployment Failure Ideal of Selected Month or Week' section displays the details of the newly added applications with deployment Failure is greater than ideal value for a specific month or week. Additionally, this section helps us with the details of Application Name, Last Deployed Version, Last Deployed Environment, No of Deployments, % of unsuccessful deployments from release task type deployment, and the No of Failed Deployments. You can select an individual application to view the associated release details. The data in this section is driven by the 'Applications Onboarding Trend' section.

Deployment Task Details of Selected Application

The data in this section is driven by the 'New Applications with Deployments > 2 Environment of Selected Month or Week' section. The Deployment Task Details of Selected Application section in the Monthly and Weekly panel, provides the release task related details such as the Task Name, Environment Name, Status, Version, Release Name, and the Actual Duration associated with the selected application.

You can also click the Link to the Source System icon against the release task to launch the source system and view more details about the release.

Objects used in this dashboard

This section lists all the attributes and metrics used to build the reports in this dashboard.

Attributes

Attribute Name	Description
Release Actual End Date	The date when release is actually ended
Release Calendar Month	Gregorian calendar month
Release Folder	Name of the Folders within which Releases are Organized
Release Name	Title of a Release
Release Owner	The owner of the of the release
Release Risk Score	Risk Score for a release

Attribute Name	Description
Release Status (Source)	Current status of the Release (active or abandoned)
Release Task Actual End date	The date when release task is actually ended
Release Task Actual Start date	The date when release task is actually started
Release Task Application	Name of the Application linked to Release Task Attribute Type Deployment
Release Task Application Deployed Version	Latest version of release task application deployed
Release Task Application Deployment Since Last Date	The last deployment date of Release Task Application
Release Task Application Last Deployed Environment	Environment of release task application last deployed
Release Task Assigned To	The owner of the release task
Release Task Environment Name	Name of the environment which is linked to Release Task attribute type Deployment
Release Task Environment Stage	Stage of the environment which is linked to Release Task attribute type Deployment
Release Task Name	Title of a Release task
Release Task Status	The status the task is in for a release
Release Task Type Deployment Version	Version of Application which was deployed and linked to Release task type attribute
Release Task URL	Source System url link to navigate directly

Attribute Name	Description
Task Plugin Source	Task type plugin source
Team	The Name of the Team

Metrics

Metric Name	Description
% Failed Release Tasks	Ratio of all tasks that are failed
% Successful Release Tasks	Percentage of release tasks that are successful
% Successful Releases	Number of releases that are successful as compared to total number of releases in a given period of time
% Successful Releases by Team	Ratio of successful releases associated to a team
% Unsuccessful Deployments From Release Task Type Deployment	Ratio of unsuccessful deployments out of all completed deployments
Avg No of Applications > 1 Deployed Environment - Monthly Growth	Average of No of Applications where it was Deployed to More than 1 Environment at month level compared to previous month
Avg No of Applications > 2 Deployed Environment - Monthly Growth	Average of No of Applications where it was Deployed to More than 2 Environments at month level compared to last month
Avg No of Applications from Release Task Type Deployment - Monthly Growth	Average monthly growth in the number of applications
Avg No of Applications where Deployment Failure Rate More	Average of Monthly Growth of applications where deployment failure rate is more than a defined acceptable target failure

Metric Name	Description
Than Ideal - Monthly Growth	rate compared to last month
Avg No of Applications where Successive Deployments More Than Ideal - Monthly Growth	Average of monthly growth of applications every month where the average time between successive deployments in a month is more than the Target no. of days given by the user compared to last month
Avg No of Applications with PROD Deployments	Average of monthly growth of Applications from Release Task Type Deployments and Environment in Production Compared to previous month
Avg No of Folders from release Folder Monthly - Monthly Growth	Average monthly growth in the number of folders
Avg No of Folders with Completed Releases - Monthly Growth	Average monthly growth in the count of Folders with Completed
Avg No of Integrations Monthly Growth	Average of No of Integrations Monthly Growth
Avg No of Teams from Release Team Monthly - Monthly Growth	Average monthly growth in the number of integrations
Avg No of Users Monthly Growth	Average monthly growth in the number of Users
Avg Release Task Actual Duration from release Task Type Deployment	Average of the duration of all tasks where duration is the time between Actual Start and Actual End Date of the task
Avg Time Between Release Task Deployment by Application	Time Between Deployments by Application in days
Release Volume	Total number of releases attempted
Release Risk score by Team	BI measure for Risk score of release by Team

Metric Name	Description
No of Applications > 1 Deployed Environment - Monthly Growth	No of Applications where it was Deployed to More than 1 Environment at month level compared to previous month
No of Applications > 1 Deployed Environment in Month	No of Applications where it was Deployed to More than 1 Environment at month level
No of Applications > 2 Deployed Environment - Monthly Growth	No of Applications where it was Deployed to More than 2 Environments at month level compared to last month
No of Applications > 2 Deployed Environment in Month	No of Applications where it was Deployed to More than 2 Environments at month level
No of Applications Avg Successive Deployments Duration More Than Ideal - Monthly Growth	Monthly growth target count of Applications every month where the average time between successive deployments in a month is more than the Target no. of days given by the user
No of Applications Deployed More Than 1 Environment - Monthly Growth	Monthly growth target no of Applications, where it was Deployed to More than 1 Environment at month level compared to previous month
No of Applications Deployed More Than 2 Environments- Monthly Growth	Monthly growth target no of applications, where it was Deployed to More than 2 Environments at month level compared to last month
No of Applications Deployment Failure Rate More Than Ideal Monthly Growth	Monthly Growth Target Count of applications where deployment failure rate is more than a defined acceptable target failure rate
No of Applications from Release Task Type Deployment - Monthly Growth	Monthly growth of count of Applications from Release Task Type Deployments compared to previous month
No of Applications Monthly Growth Target	Count of deployment applications target growth monthly

Metric Name	Description
No of Applications PROD Deployments Monthly Growth Target	Target monthly growth of Applications from Release Task Type Deployments and Environment in Production compared to last month
No of Applications where the Deployment Failure Rate is More Than Ideal	Count of applications where the deployment failure rate is more than a defined acceptable target failure rate
No of Applications where Deployment Failure Rate More Than Ideal - Monthly Growth	Monthly growth of applications where deployment failure rate is more than a defined acceptable target failure rate compared to last month
No of Applications Where Successive Deployments More Than Ideal	Count of applications every month where the average time between successive deployments in a month is more than the Target no. of days given by the user
No of Applications Where Successive Deployments More Than Ideal - Monthly Growth	Monthly growth of applications every month where average time between successive deployments in a month is more than Target no. of days given by the user compared to last month
No of Applications with PROD Deployments	Count of Applications from Release Task Type Deployments and Environment in Production
No of Applications with PROD Deployments - Monthly Growth	Monthly Growth of Applications from Release Task Type Deployments and Environment in Production compared to previous month
No of Completed Releases	Total number of releases that are in 'Completed' status
No of deployments from Release Task Type Deployment	Number of deployments associated with specific Release Task Attribute deployment type
No of Users Monthly Growth Target	Monthly growth target of count of users

Metric Name	Description
No of Users - Monthly Growth	Monthly growth of users comparative of previous month
No of Teams Monthly Growth Target	Monthly growth target of count of all teams
No of Teams from Release Team Monthly - Monthly Growth Target	Monthly growth of teams from the release team comparative of the previous month
No of Running Releases by Team	Count of releases by a team, where counting releases where the team has worked on tasks for a release
No of Running Releases	Count of releases which are not COMPLETED or ABORTED
No of Releases by Team	Count of releases by a team, where counting release where the team has worked on tasks for a release
No of Releases - Release Task	No of Releases from a Release task perspective
No of Releases Teams from Team member Fact by Team	Count of release teams the members are associated with
No of Releases Team	Count of Release Teams that are working for releases
No of Release Team Members	Count of Release Team Members in a team
No of Release Tasks	Count of all tasks for a specific period of time
No of Open Release Tasks	Total no of tasks that are either in progress, failed or planned in the release
No of New Users - Current Month	No of new users added in the current month
No of New Users	Total number of new users added

Metric Name	Description
No of New Teams from Release Team Monthly	No of new Release Teams added in the current month
No of New Folders from Release Folder Monthly - Current Month	No of new folders added in the current month

Release Application Deployment Maturity

The Release Application Deployment Maturity dashboard provides a snapshot view of your application maturity in terms of how mature an application deployment is of Digital.ai Release. This dashboard provides an overview of the current month's application growth from the deployment point of view. You can compare the annual growth percentage of applications and the associated deployments and environments. The dashboard data is fetched based on parameters such as application added, applications deployment activity, applications maturity in terms of deployment in production, and application maturity when the application is deployed in multiple environments.

Using this dashboard, the Platform Engineering or DevOps Manager can monitor and analyze the following business scenario:

- Examine the application maturity in terms of deployment over the last thirteen months or thirteen weeks of data?
- Identify the issues or delays related to the application deployment process and provide support to resolve them?
- Success rate of application deployment processes.
- Actual and average growth in application deployment.

The Release Application Deployment Maturity dashboard is built using the Release last refresh datetime, Release application maturity new applications, Release application maturity task type deployment, and [Release Security Dataset](#) datasets.

The Release Application Deployment Maturity panel consists of the following sections:

- **KPIs:** By default, the KPIs listed on this dashboard show the value for the current month. The following KPIs are driving the sections in the monthly and weekly panels:
 - **Applications Used:** The total number of Applications on-boarded.
 - **Applications More Than 1 Deployment:** The number of applications with deployments associated to more than one environment type.
 - **Applications More Than 2 Environments:** The number of applications with deployments associated to more than two different environment types.

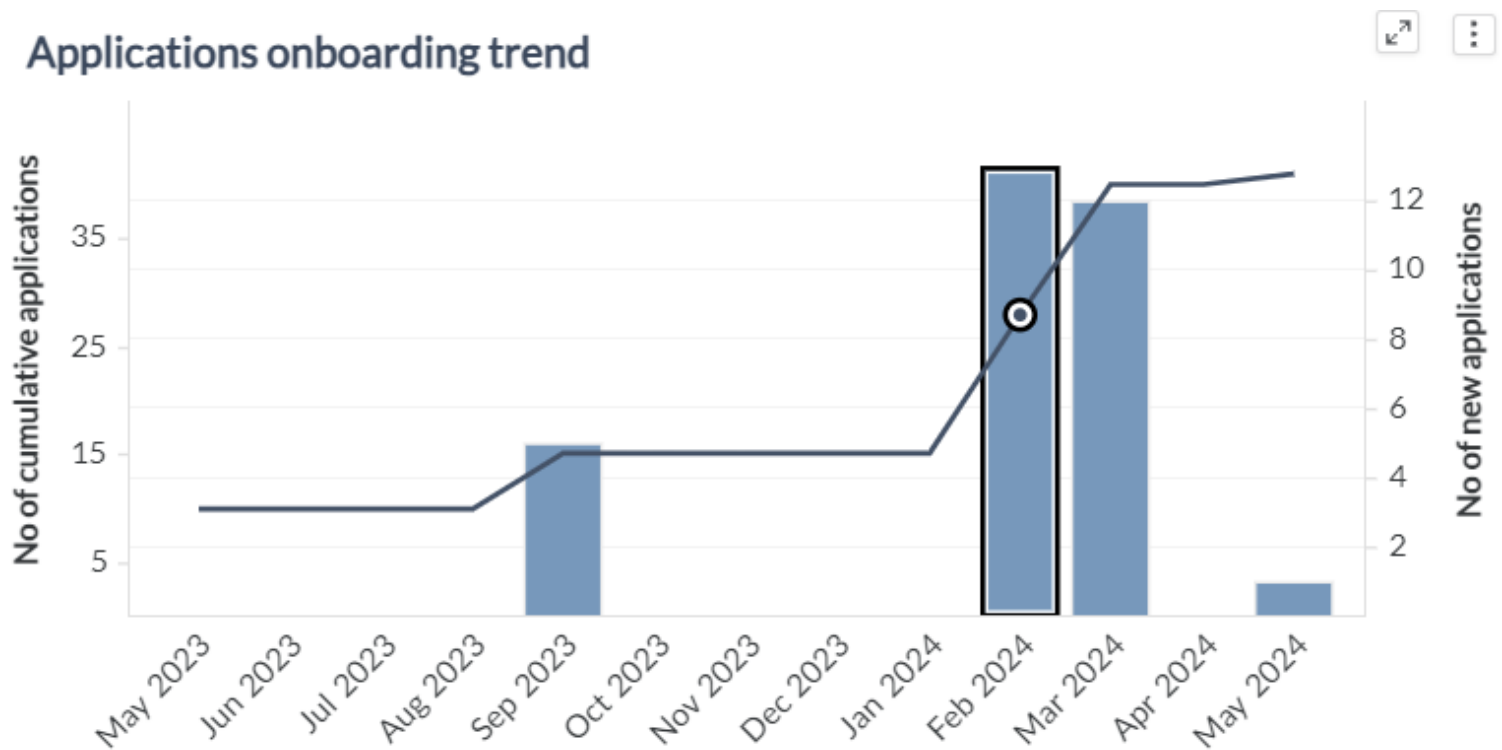
- **Applications with PROD deployment:** The number of applications where the deployments are associated with the production environment.
- **Applications with Failure Rate > Ideal:** The count of applications where the deployment failure rate is greater than a defined acceptable target failure rate.
- **Monthly Panel:** The information on this Monthly panel covers the last 13 months data. Using this panel, you can drill down into the Monthly KPIs and the associated release details.
- **Weekly Panel:** The Weekly panel provides the data of the last 13 weeks. Using this panel, you can drill down into the Weekly values and the associated release details.

Applications Used

The dashboard displays the section related to the **Applications Used** KPI by default. Following are the sections related to this KPI:

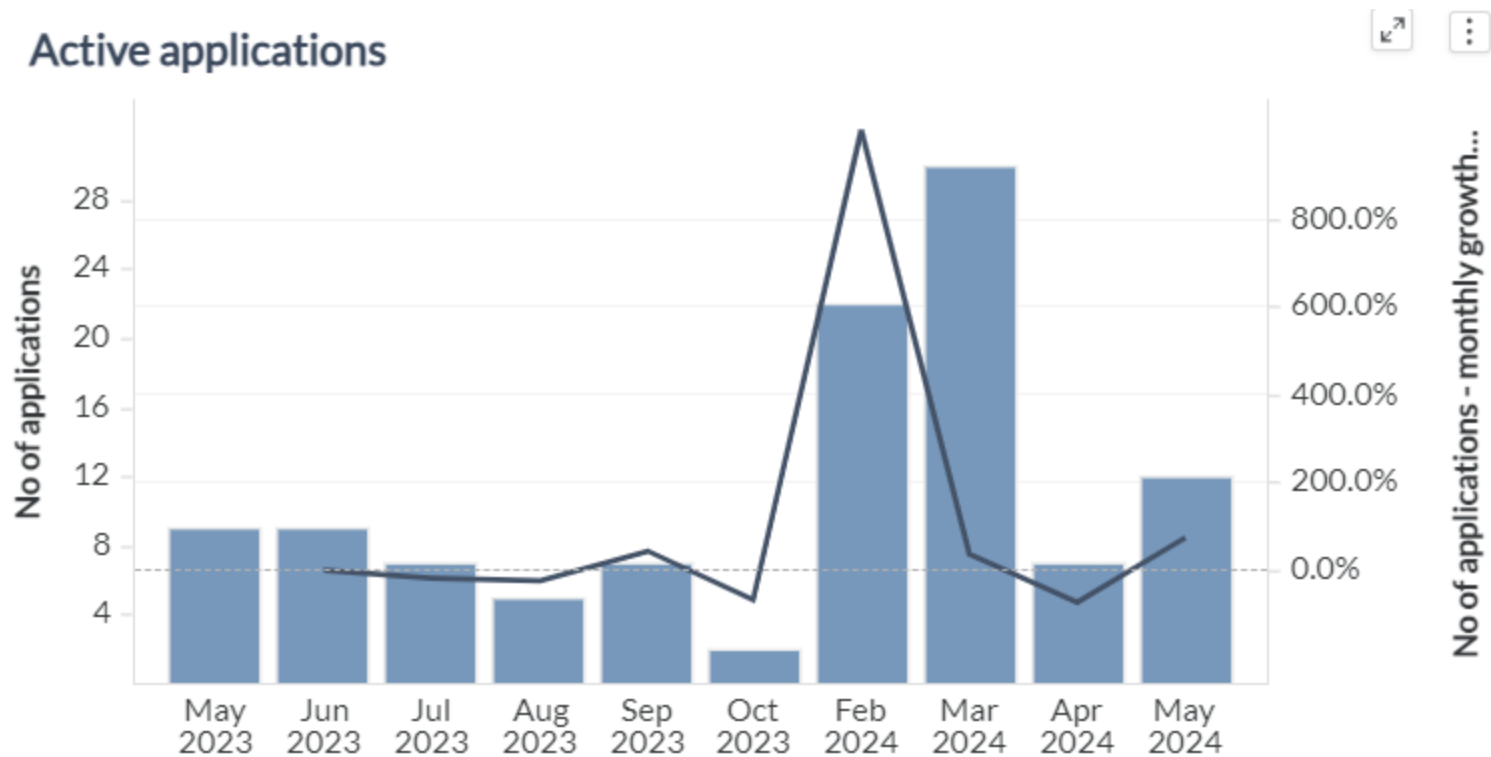
Applications Onboarding Trend

The Applications Onboarding Trend section in the Monthly or Weekly panel provides the trend of new applications compared to cumulative applications. The X-axis represents the calendar month or week, and Y-axis represents the number of new and cumulative applications accordingly. You can drill down to a specific month's or week's data by selecting the required month or week from the graph.



Active Applications

The Active Applications section in the Monthly or Weekly panel provides the trend of the number of applications from release task type deployment and their monthly or weekly growth. The graph's Y-axis displays the number of applications from release task type deployment and their growth percentages, while the X-axis shows the calendar months or weeks accordingly.



New Applications of Selected Month or Week

The New Applications of Selected Month or Week section displays the details of the newly added applications for a specific month or week, along with Release Task Application, First Deployed Date, Last Deployed Date, Last Deployed Version, Last Deployed Environment, Number of Deployments, and the Number of Failed Deployments associated with the newly added applications in the Monthly or Weekly panel respectively. You can select an individual application to view the associated release details. The data in this section is driven by the Applications Onboarding Trend section.

Deployment Task Details of Selected Application

The Deployment Task Details of Selected Application section in the Monthly and Weekly panel, provides the release task related details such as the Task Name, Environment Name, Environment Stage, Version, Actual End Date, and the Actual Start Date associated with the selected application. The data in this section is driven by the New Applications of Selected Month or Week section.

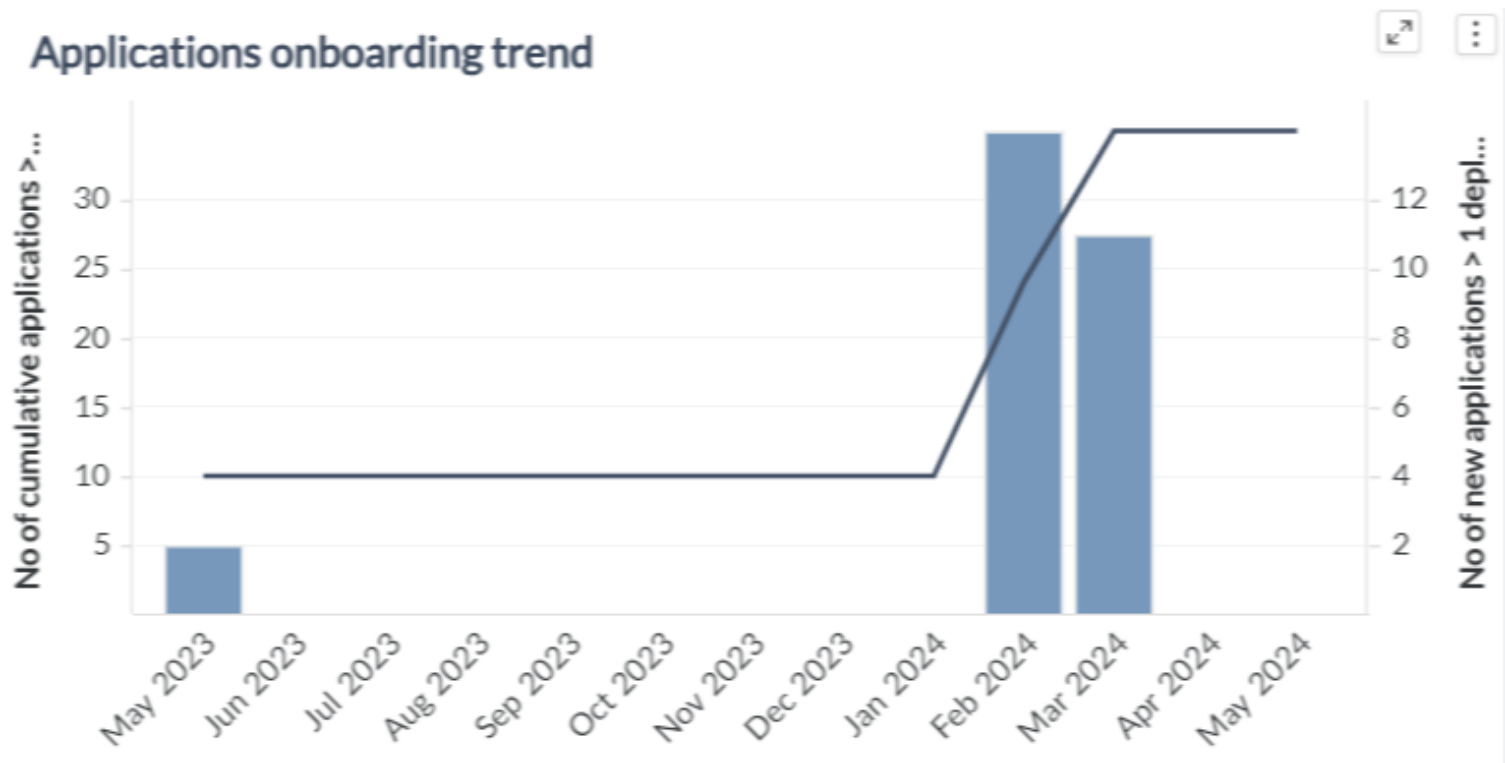
You can also click the  icon against the release task to launch the source system and view more details about the release.

Applications More Than 1 Deployment

You can view the detailed information in the Monthly and Weekly Panels by clicking the **Applications More Than 1 Deployment** from KPIs option. Click the Monthly or Weekly panel to load the corresponding data in the panel.

Applications Onboarding Trend

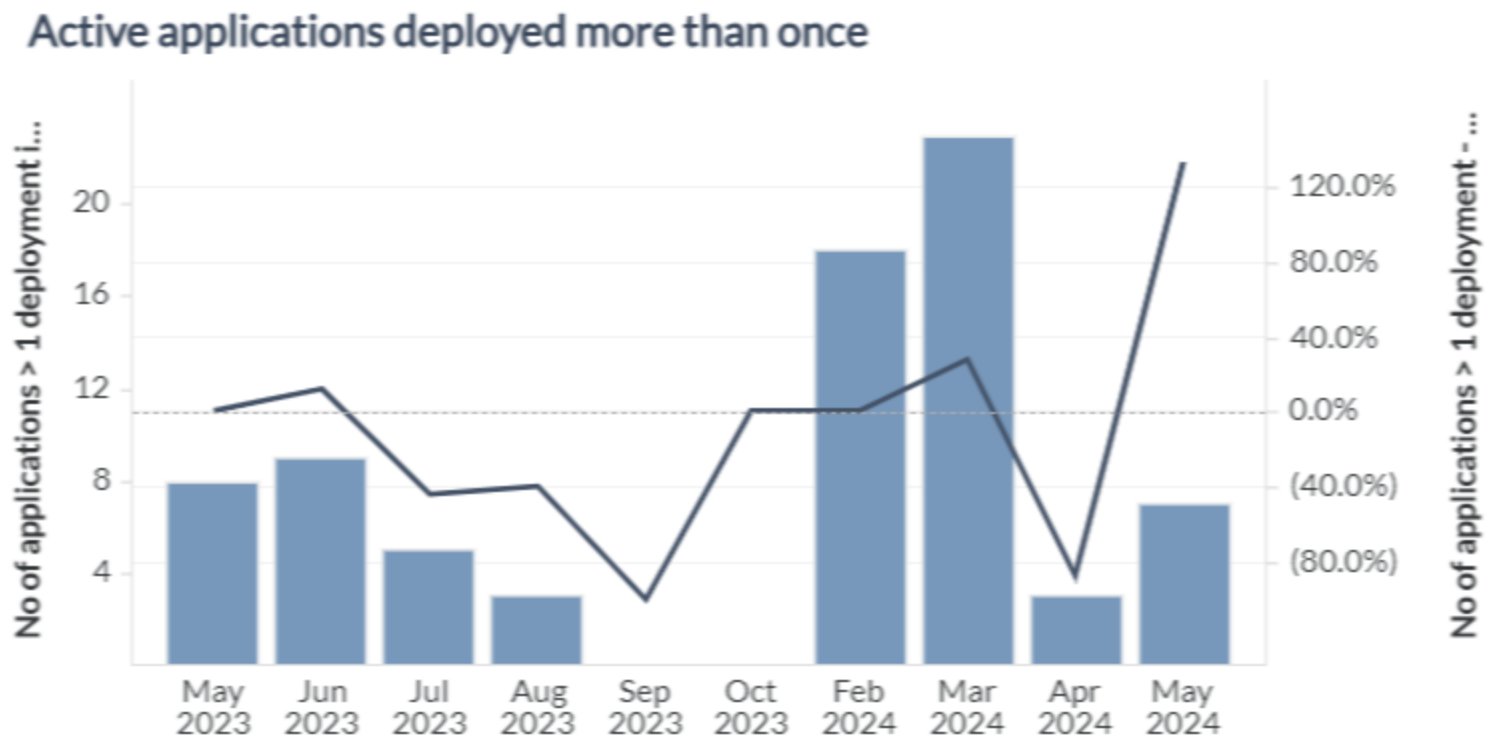
The Applications Onboarding Trend section in the Monthly or Weekly panel provides the trend of new applications with more than one deployment compared to cumulative count of applications with more than one deployment. The X-axis represents the calendar month or week, and Y-axis represents the count of new and cumulative applications with more than one deployment accordingly. You can drill down to a specific month's or week's data by selecting the required month or week from the graph.



Active Applications Deployed More Than Once

The Active Applications Deployed More Than Once section in the Monthly or Weekly panel provides the trend of the applications associated with more than one deployment irrespective of the environment

and their monthly or weekly growth. The graph's Y-axis displays the number of applications >1 deployed environment and their growth percentages, while the X-axis shows the calendar months or weeks accordingly.



New Applications > 1 Deployments to any Environment of Selected Month or Week

The New Applications >1 Deployment to any Environment of Selected Month or Week section displays the details of the newly added applications with more than one deployment irrespective of the environment for a specific month or week. Additionally, this section helps us with the details of Application Name, Last Deployed Version, Last Deployed Environment, No of Deployments, and the No of Failed Deployments associated with the newly added applications in the Monthly or Weekly panel respectively. You can select an individual application to view the associated release details. The data in this section is driven by the Applications Onboarding Trend section.

Deployment Task Details of Selected Application

The Deployment Task Details of Selected Application section in the Monthly and Weekly panel, provides the release task related details such as the Task Name, Environment Name, Status, Version, Release Name, and the Actual Duration associated with the selected application. The data in this section is driven by the New Applications > 1 Deployment to any Environment of Selected Month or Week section.

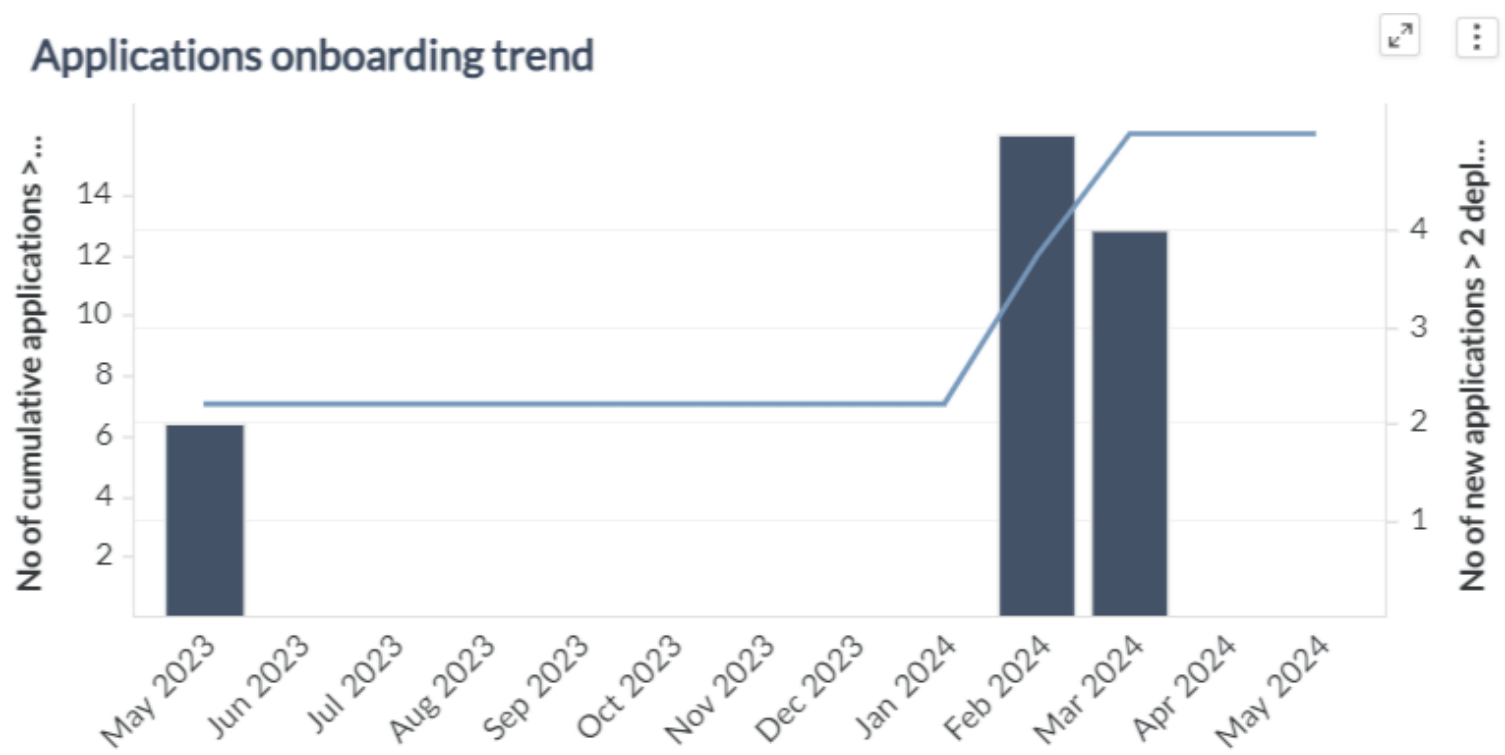
You can also click the  icon against the release task to launch the source system and view more details about the release.

Applications More Than 2 Environments

You can view the detailed information in the Monthly and Weekly Panels by clicking the **Applications More Than 2 Environments** from KPIs option. Click the Monthly or Weekly panel to load the corresponding data in the panel.

Applications Onboarding Trend

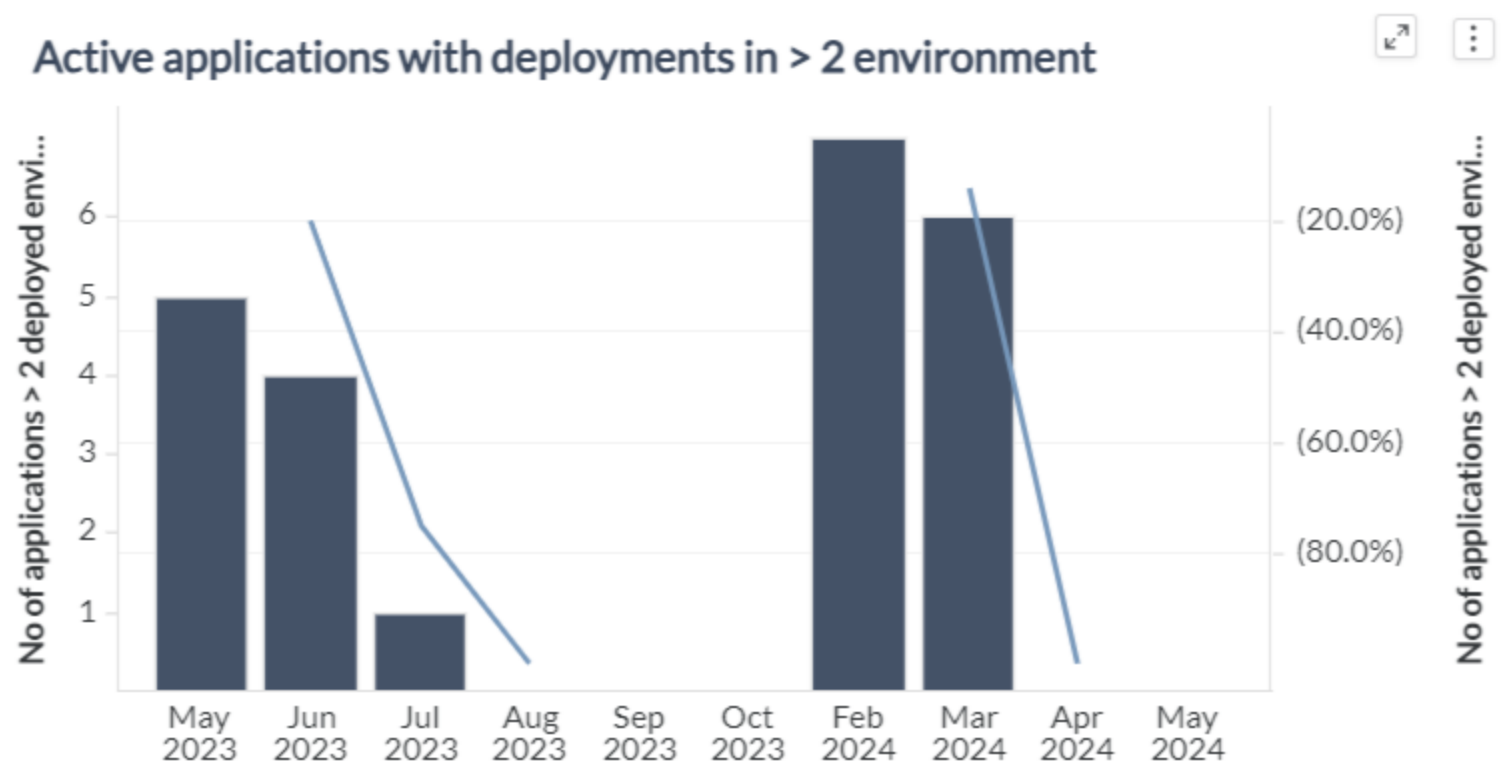
The Applications Onboarding Trend section in the Monthly or Weekly panel shows the trend of new and cumulative count of applications with deployments associated to more than two environments. The X-axis represents the calendar month or week and Y-axis represents the count of new and cumulative applications deployments associated with more than two environments accordingly. You can drill down to a specific month's or week's data by selecting the required month or week from the graph.



Active Applications with Deployments in >2 Environments

The Active Applications with Deployments in >2 Environment section in the Monthly or Weekly panel provides the trend of the applications deployments associated with more than two environments and

their monthly or weekly growth. The graph's Y-axis displays the number of applications of more than two deployed environments and their growth percentages, while the X-axis shows the calendar months or weeks accordingly.



New Applications with Deployments in > 2 Environment of Selected Month or Week

The New Applications with Deployments > 2 Environment of Selected Month or Week section displays the details of the newly added application deployments associated with more than two environments for a specific month or week. Additionally, this section helps us with the details of Application Name, Last Deployed Version, Last Deployed Environment, Number of Deployments and the Number of Failed Deployments. You can select an individual application to view the associated release details. The data in this section is driven by the Applications Onboarding Trend section.

Deployment Task Details of Selected Application

The Deployment Task Details of Selected Application section in the Monthly and Weekly panel, provides the release task related details such as the Task Name, Environment Name, Status, Version, Release Name, and the Actual Duration associated with the selected application. The data in this section is driven by the New Applications with Deployments > 2 Environment of Selected Month or Week section.

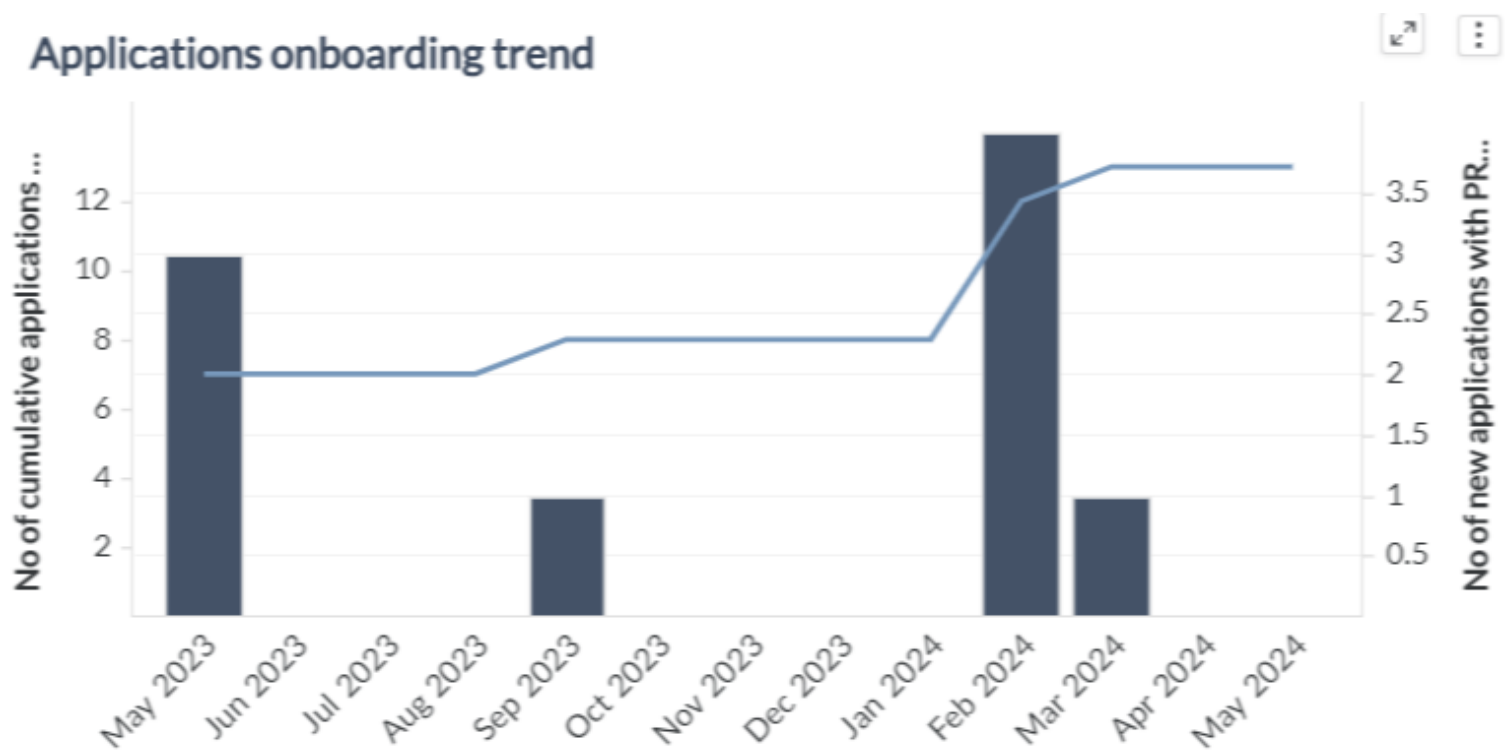
You can also click the  icon against the release task to launch the source system and view more details about the release.

Applications with PROD deployments

You can view the detailed information in the Monthly and Weekly Panels by clicking the **Applications with PROD deployments** from KPIs option. Click the Monthly or Weekly panel to load the corresponding data in the panel.

Applications Onboarding Trend

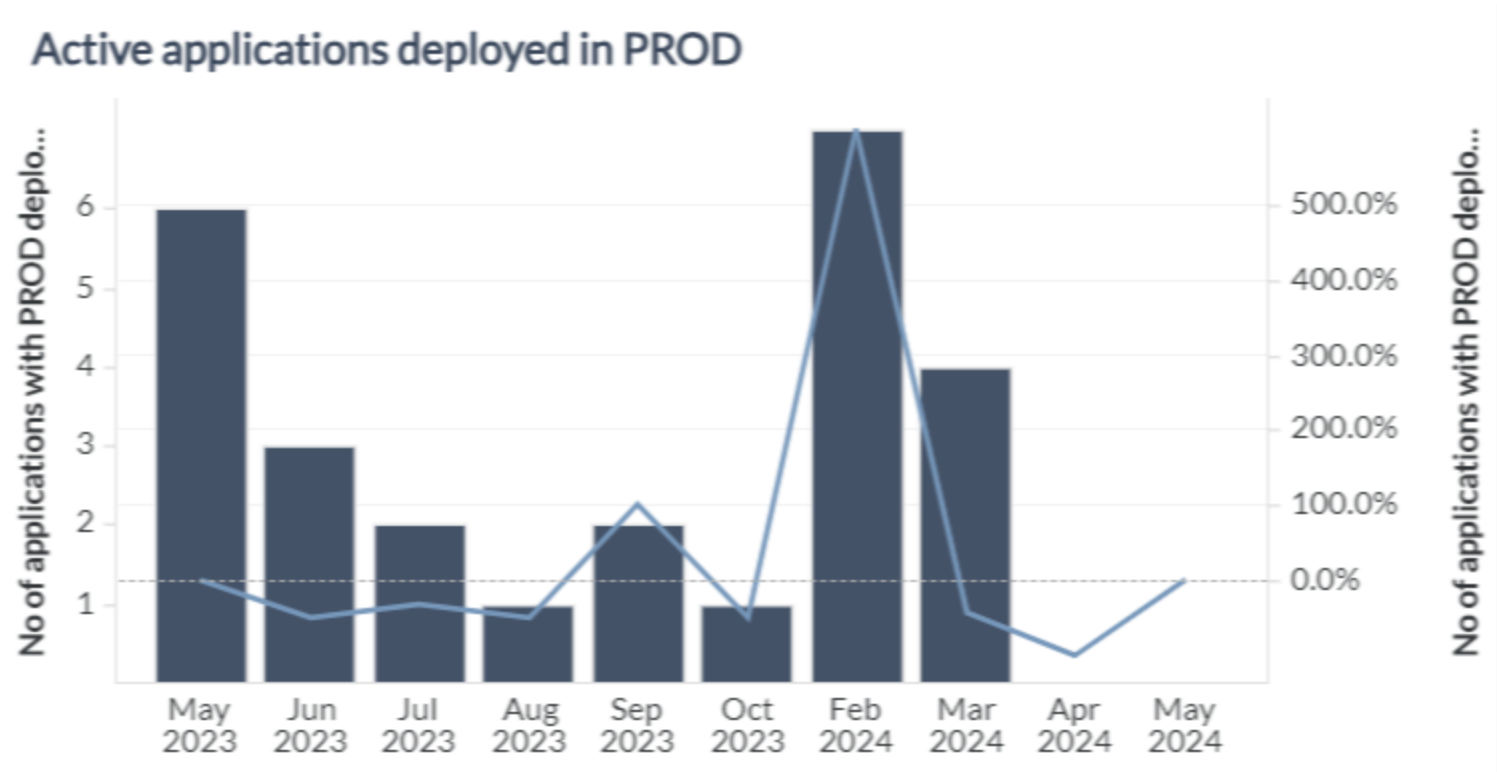
The Applications Onboarding Trend section in the Monthly or Weekly panel shows the monthly or weekly trend of new and cumulative count of applications deployed to Production. The X-axis represents the calendar month or week and Y-axis represents the count of new and cumulative applications deployments to PROD accordingly. You can drill down to a specific month's or week's data by selecting the required month or week from the graph.



Active Applications Deployed in PROD

The Active Applications Deployed in PROD section in the Monthly or Weekly panel provides the trend of the applications deployments to PROD and their monthly or weekly growth. The graph's Y-axis displays

the number of applications associated with PROD deployments and their growth percentages, while the X-axis shows the calendar months or weeks accordingly.



New Applications with Deployments in PROD of Selected Month or Week

The New Applications with Deployments in PROD of Selected Month or Week section displays the details of the newly added applications associated with PROD deployments for a specific month or week. Additionally, this section helps us with the details of Application Name, Last Deployed Version, Last Deployed Environment, Number of Deployments, and the Number of Failed Deployments. You can select an individual application to view the associated release details. The data in this section is driven by the Applications Onboarding Trend section.

Deployment Task Details of Selected Application

The Deployment Task Details of Selected Application section in the Monthly and Weekly panel, provides the release task related details such as the Task Name, Environment Name, Status, Version, Release Name, and the Actual Duration associated with the selected application. The data in this section is driven by the New Applications with Deployments in PROD of Selected Month or Week section.

You can also click the  icon against the release task to launch the source system and view more details about the release.

Applications with Failure Rate > Ideal

You can view the detailed information in the Monthly and Weekly Panels by clicking the **Applications Where Deployment Failure Rate More Than Ideal** from KPIs option. Click the Monthly or Weekly panel to load the corresponding data in the panel.

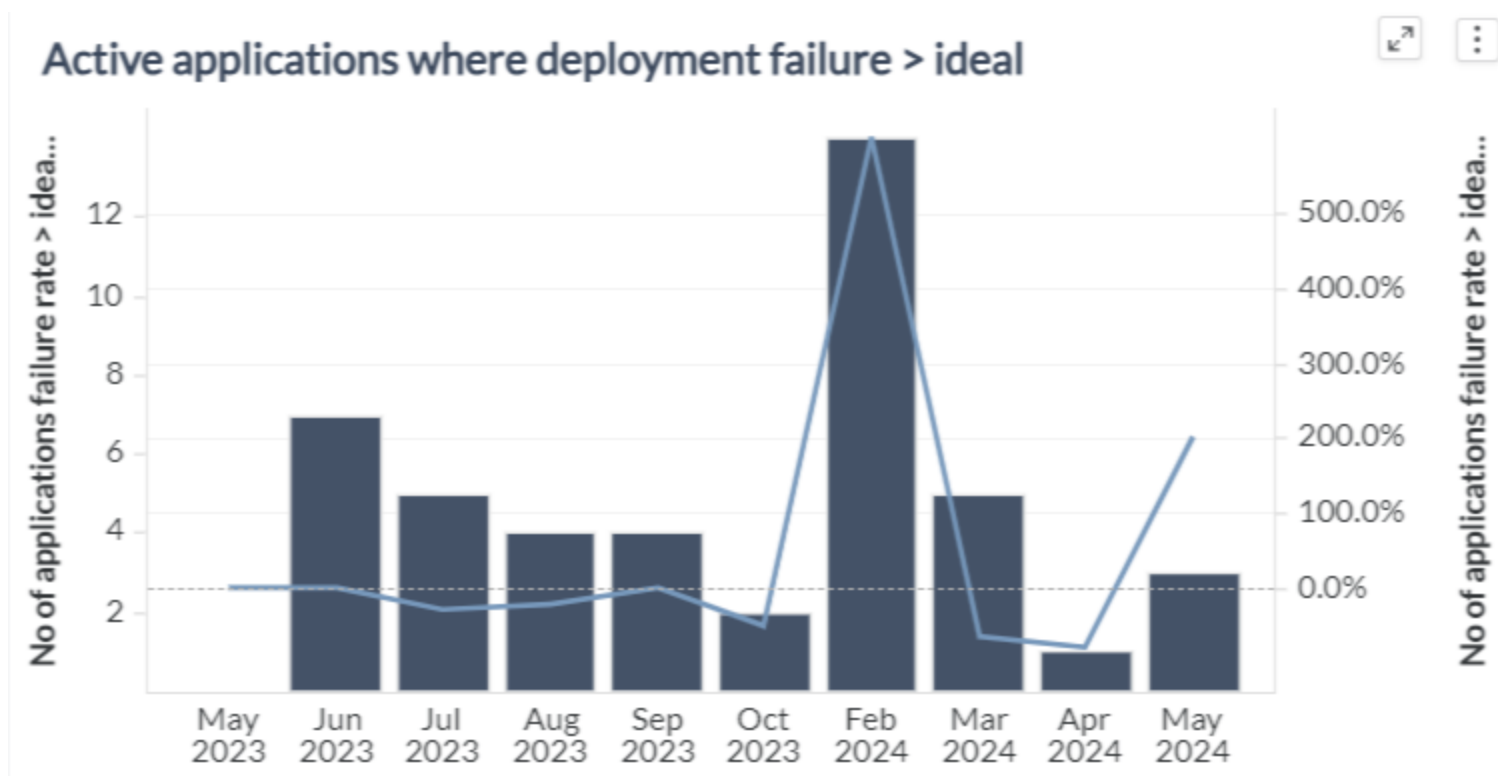
Applications Onboarding Trend

The Applications Onboarding Trend section in the Monthly or Weekly panel shows the trend of applications count where deployment failure rate is more than ideal. The X-axis represents the calendar month or week and Y-axis represents the count of applications where deployment failure rate more than ideal accordingly. You can drill down to a specific month's or week's data by selecting the required month or week from the graph.



Active Applications where Deployment Failure > Ideal

The Active Applications where Deployment Failure > Ideal section in the Monthly or Weekly panel provides the monthly or weekly trend of the applications with deployment failure rate is greater than expected and their monthly or weekly growth rate. The graph's Y-axis displays the application count and their growth percentages, while the X-axis shows the calendar months or weeks accordingly.



Applications where Deployment Failure > Ideal of Selected Month or Week

The Applications where Deployment Failure > Ideal of Selected Month or Week section displays the details of the newly added applications with deployment Failure is greater than ideal value for a specific month or week. Additionally, this section helps us with the details of Application Name, Last Deployed Version, Last Deployed Environment, Number of Deployments, and the Number of Failed Deployments. You can select an individual application to view the associated release details. The data in this section is driven by the Applications Onboarding Trend section.

Deployment Task Details of Selected Application

The Deployment Task Details of Selected Application section in the Monthly and Weekly panel, provides the release task related details such as the Task Name, Environment Name, Status, Version, Release Name, and the Actual Duration associated with the selected application. The data in this section is driven by the New Applications with Deployments > 2 Environment of Selected Month or Week section.

You can also click the  icon against the release task to launch the source system and view more details about the release.

Objects used in this dashboard

This section lists all the attributes and metrics used to build the reports in this dashboard.

Attributes

Attribute Name	Description
Actual End date	The date when release task is actually ended
Actual Start date	The date when release task is actually started
Application	Name of the Application linked to Release Task Attribute Type Deployment
Calendar Month	Gregorian calendar month
Environment Name	Name of the environment which is linked to Release Task attribute type Deployment
Environment Stage	Stage of the environment which is linked to Release Task attribute type Deployment
First Deployed Date	First date of the application deployed
Last Deployed Date	Last date of the application deployed
Last Deployed Environment	Environment of release task application last deployed
Last Deployed Version	Latest version of release task application deployed
Name	Title of a Release task
Release Name	Title of a Release

Attribute Name	Description
Release Task URL	Source System url link to navigate directly
Release Task Status	Current status of the release task
Version	Version of Application which was deployed and linked to Release task type attribute

Metrics

Metric Name	Description	Metric Formula
% Unsuccessful Deployments	Ratio of unsuccessful deployments out of all completed deployments	$\frac{[\text{No of Unsuccessful Deployments from Release Task Type Deployment}]}{[\text{No of Completed Deployments from Release Task Type Deployment}]}$
Actual Duration	Average of the duration of all tasks where duration is the time between Actual Start and Actual End Date of the task	$\frac{[\text{Release Task Actual Duration From Release Task Type Deployment}]}{(86400 * [\text{No of Release Tasks from Release Task Type Deployment}])}$
Applications more than 2 environments	Number of new applications deployed across more than two environments per month	$\text{Max}([\text{No of Cumulative Applications} > 2 \text{ Deployed Environment in Month from Deployment Application Daily}])$
No of Applications	The number of applications deployed	$\text{Max}([\text{No of Applications from Deployment}])$

Metric Name	Description	Metric Formula
No of Applications - monthly growth (%)	Monthly growth count of applications from deployments compared to previous month	$\frac{([No\ of\ Applications\ from\ Deployment] - [No\ of\ Applications\ from\ Deployment - Previous\ Month])}{[No\ of\ Applications\ from\ Deployment - Previous\ Month]}$
No of Applications > 1 Deployment in month	Number of applications that were deployed to more than one environment per month	$Max([No\ of\ Applications\ from\ Deployment]) < [Deployment\ Count\ from\ Deployment\ (Application,\ Calendar\ Month) > 1] >$
No of Applications > 2 Deployed Environments in Month	Number of applications that were deployed to more than two environments per month	$Max([No\ of\ Applications\ from\ Deployment]) < [Environment\ Count\ from\ Deployment\ (Application,\ Calendar\ Month) > 2] >$
No of Applications Failure Rate > Ideal in Week	Count of applications where deployment failure rate is more than a defined acceptable target failure rate	$Sum(Case([Failure\ rate\ by\ {week,application}] > 0.05), 1, 0))$
No of Deployments	Number of deployments attempted for a particular release	$Count\ (No\ of\ Deployments)$
No of Failed Deployments	Count of deployments whose status are Failed	$Count([No\ of\ Deployments]) < [Deployment=FAILED] >$
No of New Applications	Count of new applications	$Max([No\ of\ New\ Applications\ from\ Deployment\ Application\ Daily])$
No of New Applications > 1	Number of new applications that were deployed to more than	$Max([No\ of\ New\ Applications\ > 1\ Deployments\ in\ Month\ from\ Deployment\ Application\ Daily])$

Metric Name	Description	Metric Formula
deployment in month	one environment per month	
No of New Applications > 2 Deployed Environments in Month	Number of new applications that were deployed to more than two environments per month	Count<Distinct=True>([New application more than 2 deployed environments in month])
No of New Applications with PROD Deployments	Count of new applications with production deployments	Max([No of New Applications with PROD Deployments])

DevOps Research and Assessment (DORA) dashboard

DevOps Research and Assessment as a dashboard helps you analyze details to streamline or improve your DevOps process using key DORA metrics such as Deployment frequency, Lead time for change, Mean time to restore, and Change failure rate. DORA metrics have now become the standard for gauging the efficacy of software development teams and can provide crucial insights into areas for growth.

As a DevOps manager, you can use this dashboard to understand the following scenarios:

- Identify bottlenecks, need for longer testing time, and identify team's velocity to deliver.
- Identify the efficiency of the process, code complexity, and how quickly a team responds to needs and fixes.
- Identify team's capabilities and understand the causes for deployment failure.

Note: This dashboard currently supports the Digital.ai Release, Digital.ai Deploy, and ServiceNow source system.

The DORA dashboard is built using the `dora_common_filter_details`, `dora_deployment_analysis`, `dora_lead_time_analysis`, `dora_industry_standard_grid`, `dora_change_request_analysis`, `dora_incident_analysis`, and `release_last_refresh_datetime` datasets.

The DORA dashboard consists of the following sections:

Global Filters

Note: Data is expected to be stored in the release folder structure and analyzed across the organization, team, and application. Release without an associated folder is dropped and not considered for analysis.

- Select Organization :
 - Digital.ai Release Source: The parent folder of the leaf folder associated with a release in a hierarchical file system.
 - ServiceNow Source: A unit or division within an enterprise, such as a department or a business unit.

- Select Team :
 - Digital.ai Release Source: The leaf folder (folder containing no subfolder within a hierarchical file system) associated with a release.
 - ServiceNow Source: Group of individuals who work together collaboratively to achieve a task or resolve an incident.
- Select Applications : A software program designed to perform specific functions or tasks.

KPI

- **Deployment Frequency (daily)/Deployment Frequency by Occurrence:** Displays the number of times or distinct days the software is provided in production for the last 30 days by default. Additionally, this KPI provides the deployment frequency/deployment frequency by occurrence for the last to last 30 days and the percentage increase or decrease in deployment frequency/deployment frequency by occurrence as compared to the previous 30 days.
- **Lead Time for Change/Cycle Time/Lead Time (days):** Displays the mean time consumed to make code changes on request for the last 30 days by default. Additionally, this KPI provides the lead time for change/cycle time/lead time for the last to last 30 days and the percentage increase or decrease in lead time for change/cycle time/lead time as compared to the previous 30 days.
- **Mean Time to Restore (hours):** Displays the mean time consumed to diagnose and rectify a bug or an incident for the last 30 days. Additionally, this KPI provides the mean time for the last to last 30 days and the percentage increase or decrease in mean time as compared to the previous 30 days.
- **Change Failure Rate (%):** Displays the rate of code change failure as a factor of all code changes for the last 30 days. Additionally, this KPI provides the failure rate for the last to last 30 days and the rate of increase or decrease in change failure rate as compared to the previous 30 days.

Panel Filters

Panel filters are used to filter selected panels or visualization on the dashboard.

- From: The from filter allows you to include the beginning or starting date and time to analyze
- To: The to filter allows you to include the end or closing date and time to analyze
- Day: The day filter allows you to view data for a specific day

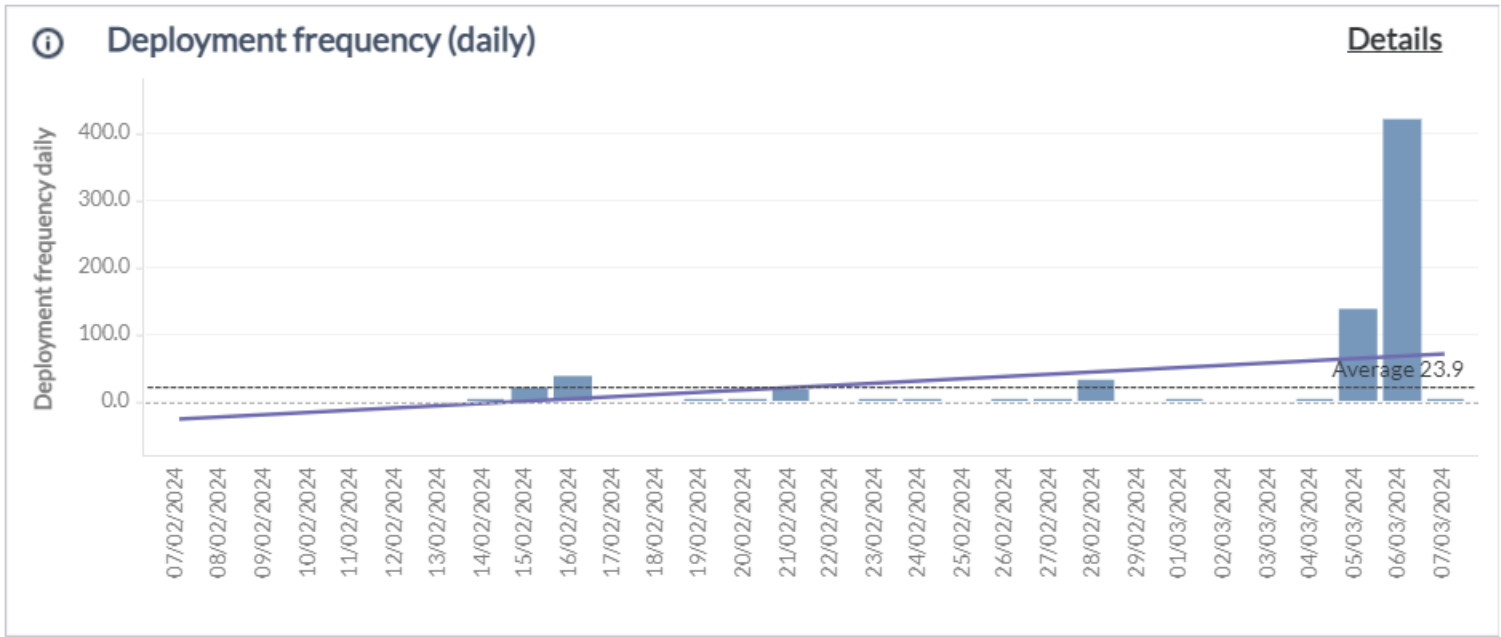
- Week: The week filter allows you to view data aggregated by week
- Month: The month filter allows you to view data aggregated by month

Deployment Frequency (daily)/Deployment Frequency by Occurrence

This panel displays a bar graph of the DORA metric and helps you analyze how many times or distinct days an organization successfully releases software into production.

- Deployment Frequency (daily): Tracks the number of times a new software releases or updates are deployed to production. For example, if a team deployed code 10 times in a month with 31 days, the deployment frequency would be $10/31 = 0.32$ deployments per day.
- Deployment Frequency by Occurrence: Tracks the number of distinct days within a given period where at least one deployment to production took place. For example, if deployments occurred on May 1, 3, 5, 10, and 15, the deployment frequency by occurrence for May would be 5.

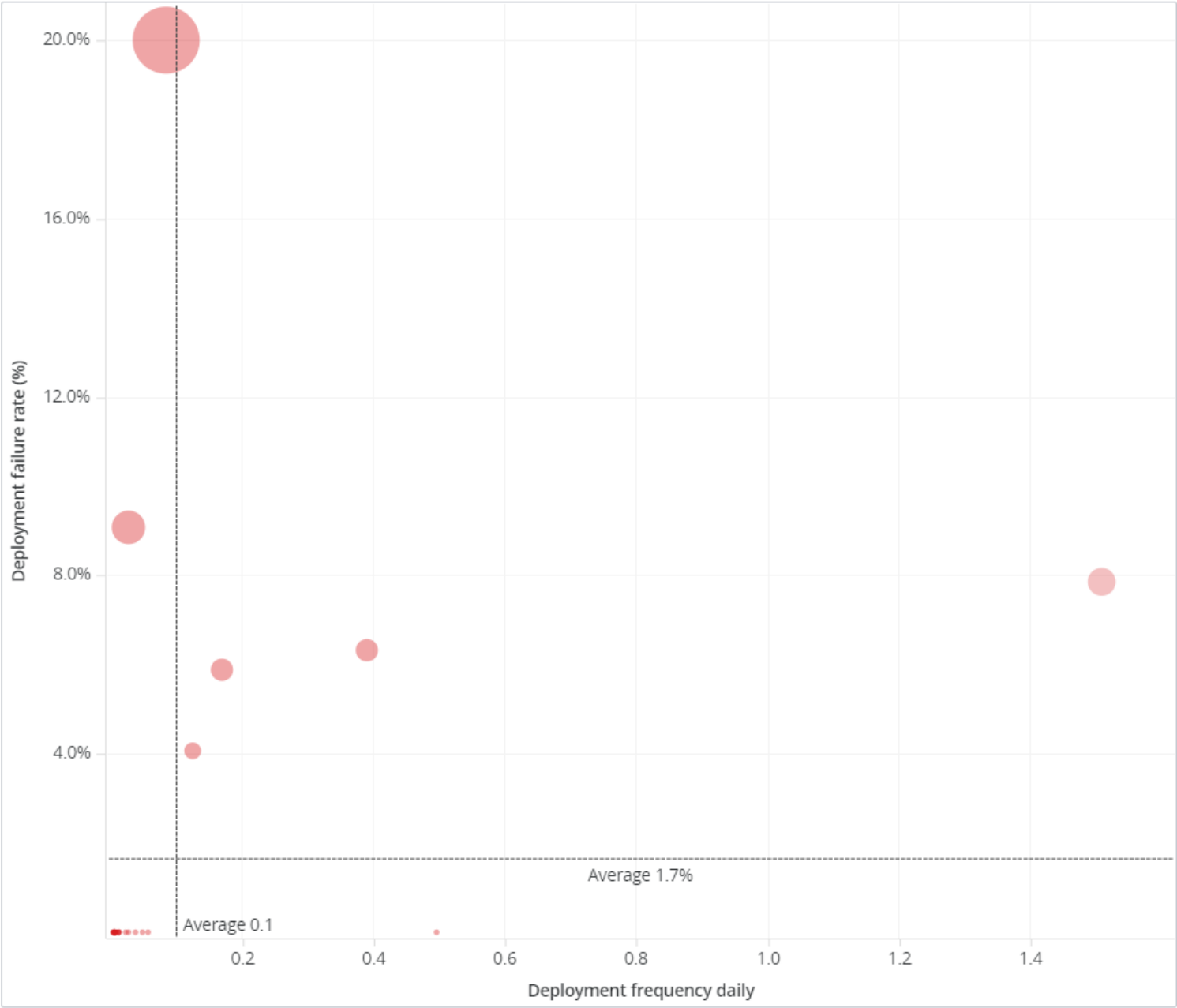
A higher deployment frequency indicates the team is releasing updates more frequently, reflecting the value of delivery to end users. You can hover over a bar to view details such as deployment date/week/month and deployment frequency/deployment frequency by occurrence. The panel also provides a reference line to compare or measure against the data values displayed in the graph and a trend line to represent the direction of your data.



In order to perform a detailed analysis of the deployment frequency, click **Details**.

Deployment Frequency/Deployment Frequency by Occurrence

This panel displays a bubble graph to indicate the deployment frequency/deployment frequency by occurrence and deployment failure rate for each organization, team, or application. Each bubble corresponds to an organization, team, or application and the size of bubble is associated to its deployment failure rate. You can hover over a bubble to view the details of organization/team/application, deployment frequency, and deployment failure rate.



Selection of an organization, team, or application from this panel drives the data of the By Day, By Week, or By Month and Details panel.

By Day/By Week/By Month

This panel displays a dual y-axis graph, combining a vertical bar graph that displays the trend in the deployment frequency/deployment frequency by occurrence and a line graph that displays the trend in the deployment failure rate.

Details

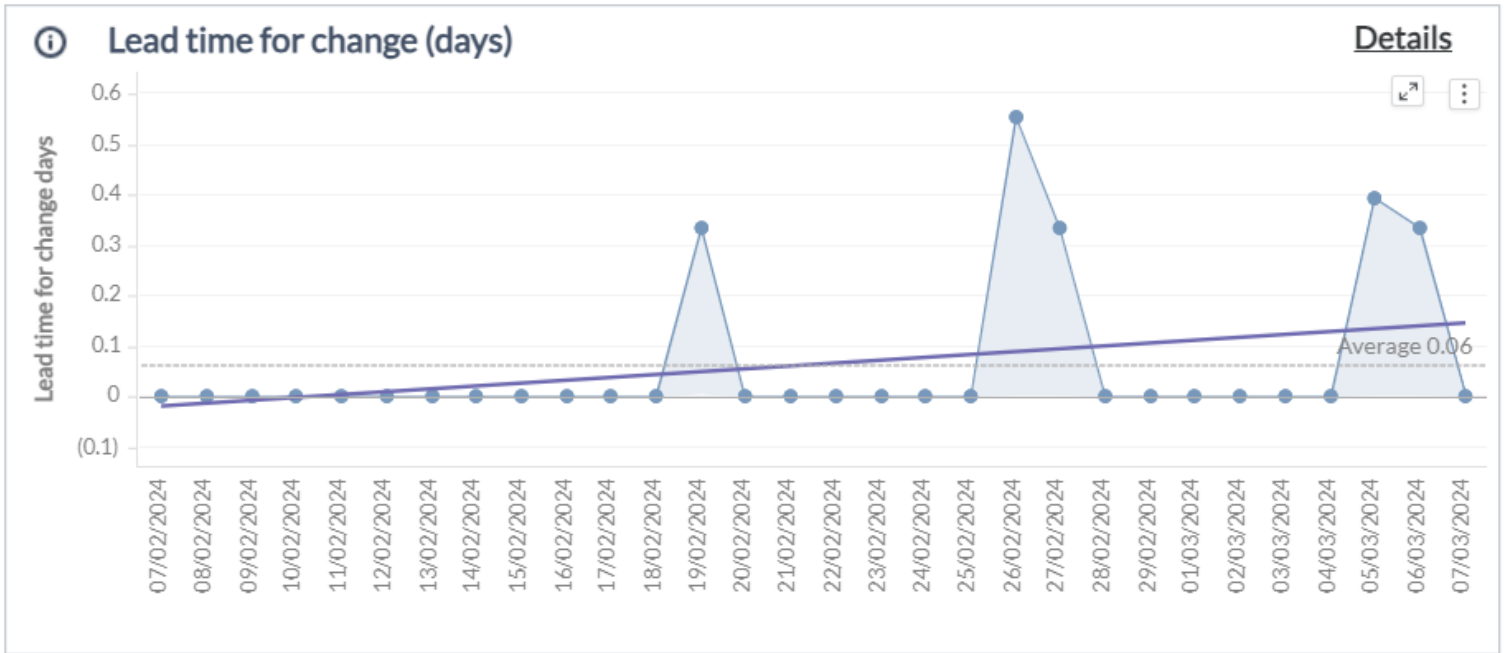
This panel provides detailed information of Deployments such as deployment name, source link, deployment Id, start and completed date time, status, application name and version, environment name, and deployment type.

Lead Time for Change/Cycle Time/Lead Time (days)

According to the common definition, this metric represents the total time from the initiation of a change to its completion. It is measured based on the context and industry requirements and is generally classified into three categories: Lead Time for Change, Cycle Time, and Lead Time

- **Lead Time for Change:** Measures the total time from when the development team makes a commit until the change is deployed in production.
- **Cycle Time:** Measures the time taken from when a development team starts working on a change until it is deployed in production.
- **Lead Time:** Measures the total time from when a customer or user requests a change until it is deployed in production.

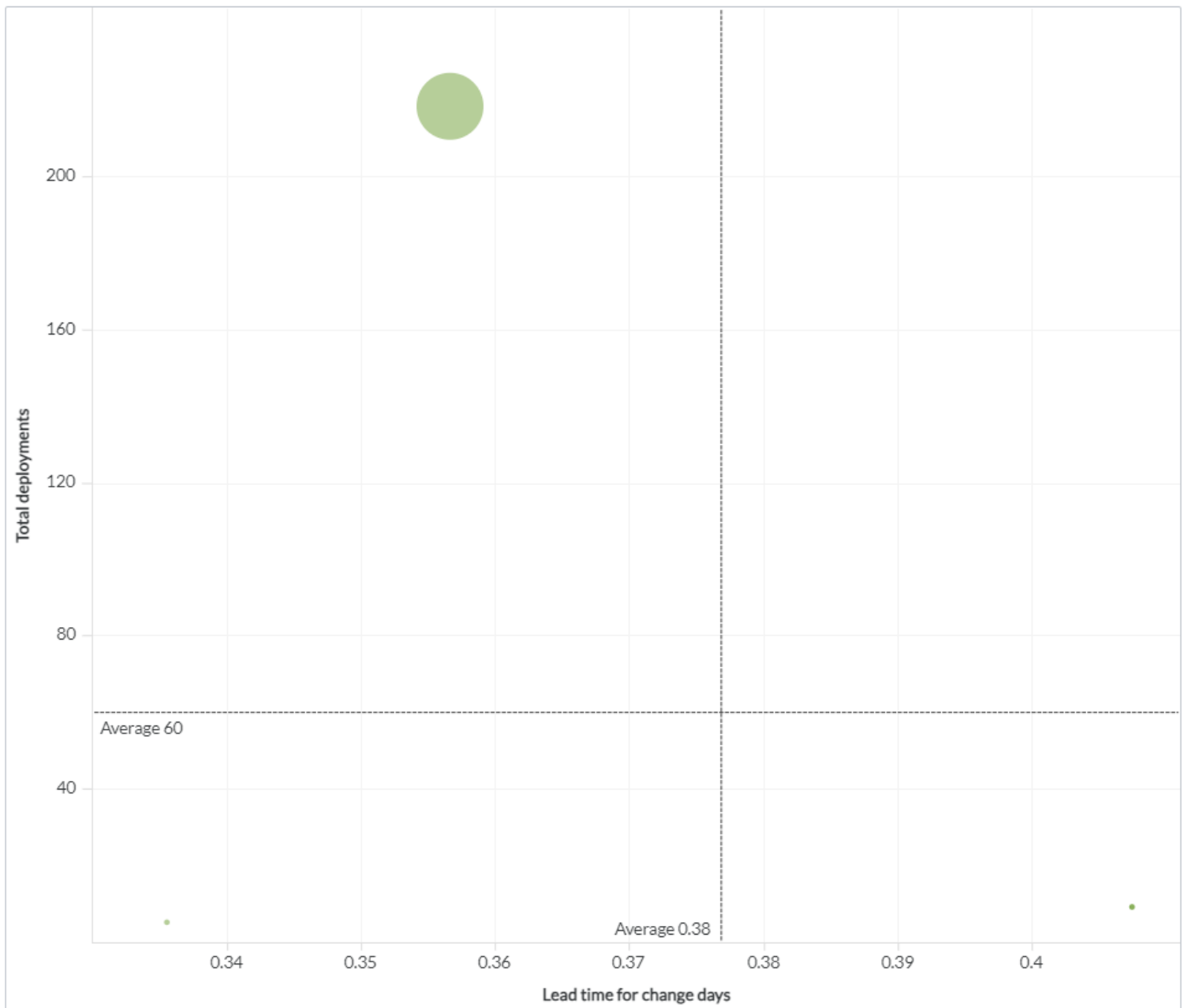
This panel displays an area graph of the DORA metric and helps you analyze the time it takes for a code change to be developed, tested, and deployed to production for a change requested. A shorter lead time indicates the team is efficiently moving code change through the development pipeline. You can hover over the area to view details such as Deployment date and Lead time for change/Cycle Time/Lead Time. The panel also provides a reference line to compare and a trend line to represent the direction of your data.



In order to perform a detailed analysis of the lead time for change, click **Details**.

Lead Time for Change/Cycle Time/Lead Time

This panel displays a bubble graph to indicate the lead time for change/cycle time/lead time and number of deployments for each organization, team, or application. Each bubble corresponds to an organization, team, or application and the size of bubble associated to its count of deployments. You can hover over a bubble to view the details of organization, team, or application, lead time for change/cycle time/lead time and total deployments.



Selection of an organization, team, or application from this panel drives the data of the By Day, By Week, or By Month and Details panel.

By Day/By Week/By Month

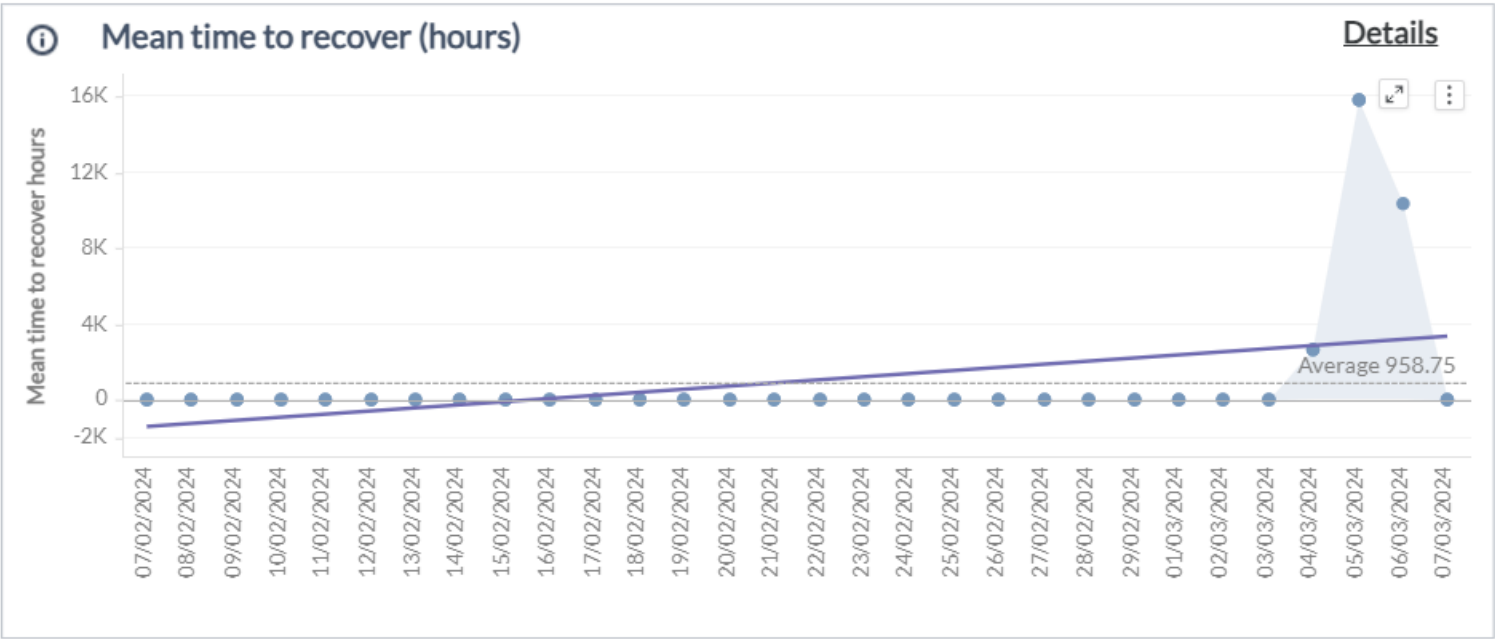
This panel displays a dual y-axis graph, combining a vertical bar graph that displays the trend in the number of deployments and a line graph that displays the trend in the lead time for change/cycle time/lead time.

Details

This panel provides detailed information on Changes, including common details such as release name, release description, source link, and deployment name. It also includes specific information like change number, change start date, change end date, and lead time for change in days under the Lead time for change category. Additionally, it covers agile task name, agile task start date, deployment end date, and cycle time in days for the Cycle time category. Furthermore, it includes commit task name, commit start date, deployment end date, and lead time in days for the Lead time category.

Mean Time to Recover (hours)

This panel displays an area graph of the DORA metric and helps you analyze the time consumed to diagnose and rectify a bug or an incident. A lower MTTR implies that the team is proficient at identifying and addressing issues promptly, ensuring minimal disruptions. You can hover over the area to view details such as Deployment date, and Mean time to recover. The panel also provides a reference line to compare and a trend line to represent the direction of mean time.

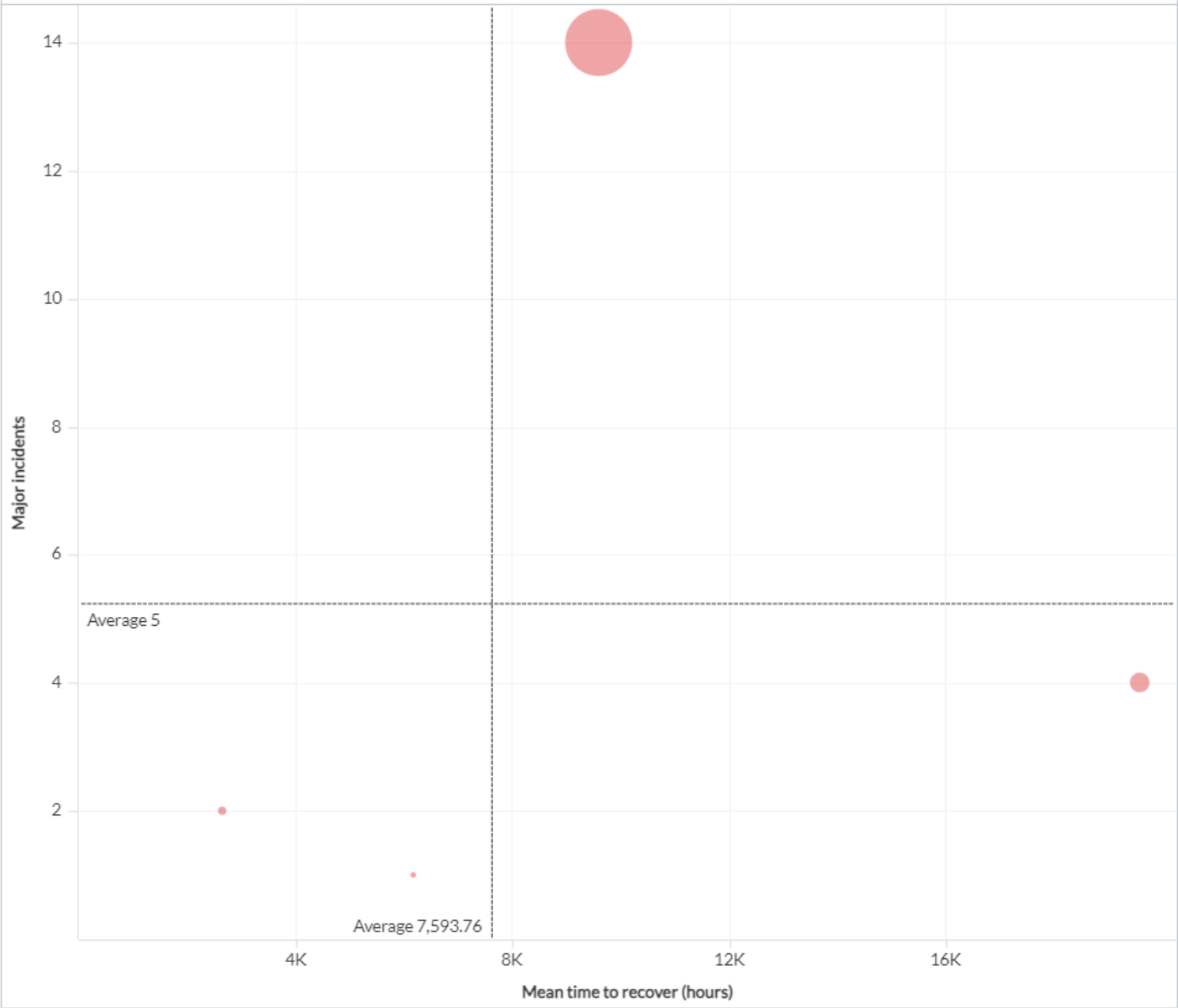


In order to perform a detailed analysis of the mean time to recover, click **Details**.

Mean Time to Recover

This panel displays a bubble graph to indicate the average mean time to recover and number of major incidents for each organization, team, or application. Each bubble corresponds to an organization, team, or application and the size of bubble associated to its count of major incidents. You can hover

over a bubble to view the details of organization, team, or application, average mean time to recover, and total number of major incidents.



Selection of an organization, team, or application from this panel drives the data of the By Day, By Week, or By Month and Details panel.

By Day/By Week/By Month

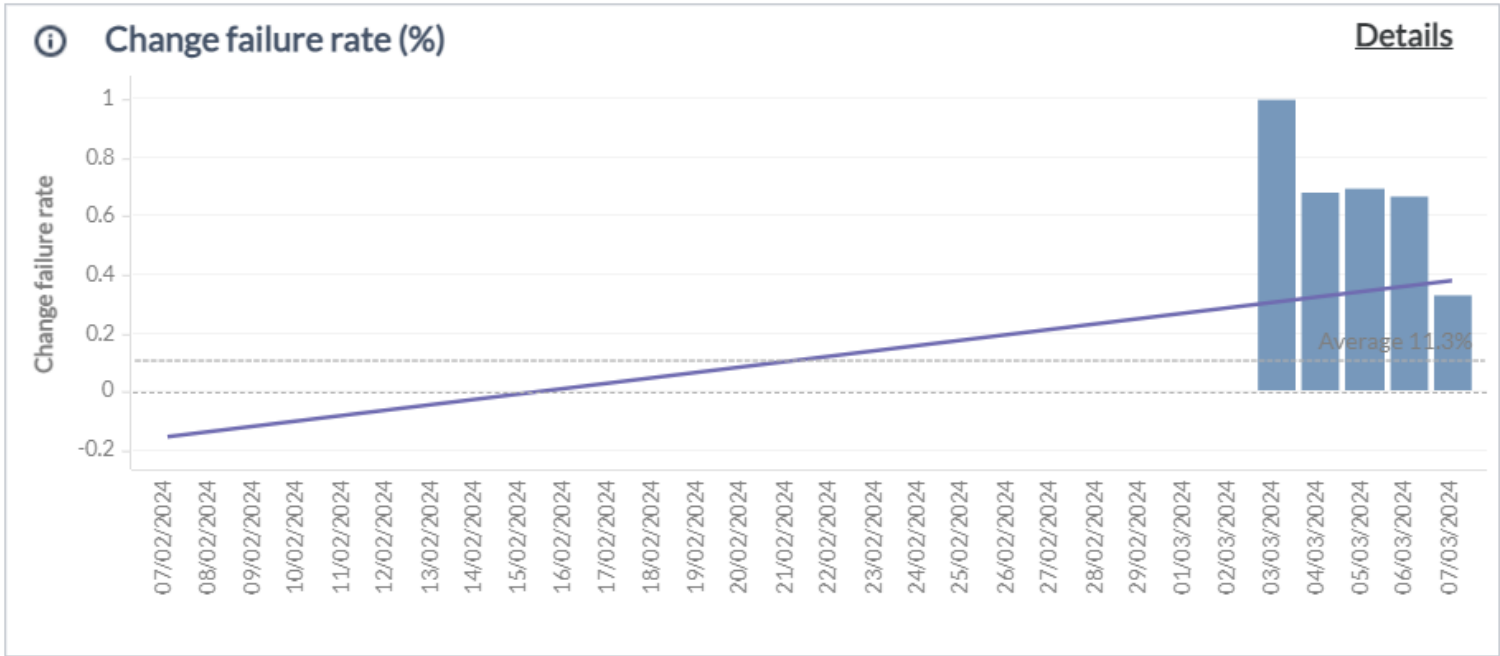
This panel displays a dual y-axis graph, combining a vertical bar graph that displays the trend in the number of resolved major incidents and a line graph that displays the trend in the average mean time to recover.

Details

This panel provides detailed information of Incidents such as incident number, source link, description, opened and resolved datetime, close code, caused by, and mean time to recover.

Change Failure Rate (%)

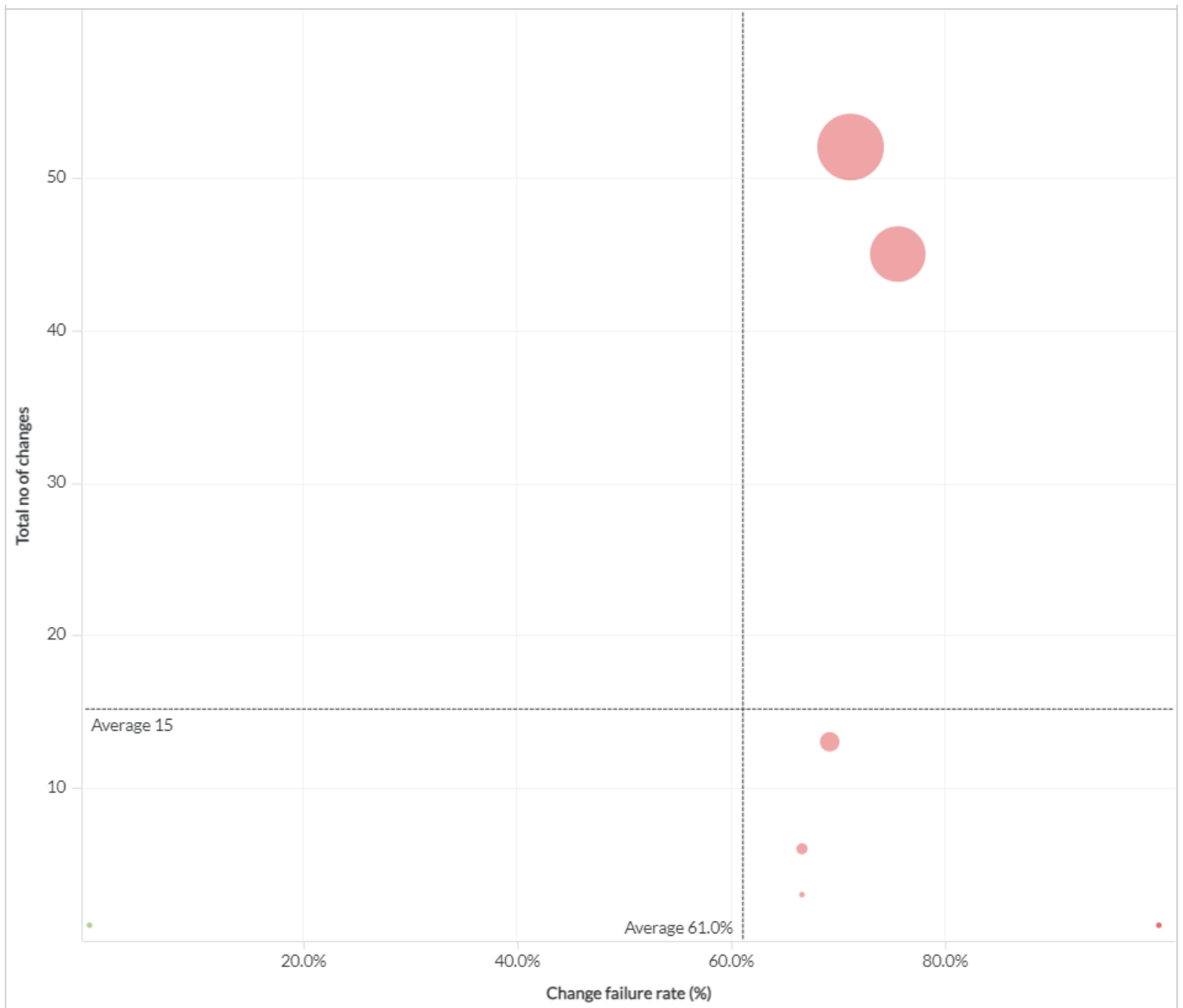
This panel displays a bar graph of the DORA metric and helps you analyze the rate of code change failure. A lower change failure rate signifies that the organization has robust testing practices and a stable deployment process. You can hover over a bar to view details such as Deployment date and Change failure rate. The panel also provides a reference line to compare and a trend line to represent the direction of change failure rate.



In order to perform a detailed analysis of the change failure rate percentage, click **Details**.

Change Failure

This panel displays a bubble graph to indicate the change failure rate and number of closed changes for each organization, team, or application. Each bubble corresponds to an organization, team, or application and the size of bubble associated to its count of closed changes. You can hover over a bubble to view the details of organization, team, or application, change failure rate, and total number of closed changes.



Selection of an organization, team, or application from this panel drives the data of the By Day, By Week, or By Month and Details panel.

By Month

This panel displays a dual y-axis graph, combining a vertical bar graph that displays the trend in the number of closed changes and a line graph that displays the trend in the change failure rate.

Details

This panel provides detailed information of Changes such as change number, source link, description, opened and closed datetime, linked to release flag, and release ID.

Comparison to Industry

Displays the industry standard thresholds set by the DORA team for comparison and performance enhancements. For any change in DORA standards, refer to the [Configuring DORA Industry Standards](#) section to edit thresholds.

Limitation/Assumption

Following are a few considerations made across each metric in order to consolidate data from different sources and display visualizations:

- **Deployment Frequency/Deployment Frequency by Occurrence:**
 - Automatic deployments of Release, Deploy, ArgoCd, Ansible, and Manual deployments are considered.
 - The deployment start date is considered for reporting.
 - In the release source, the deployment status appears as the status of the release task.
 - The successful flag is used for both deployment frequency and deployment failure rate metrics.
- **Lead Time for Change/Cycle Time/Lead Time:**
 - Deployment completed date and time are considered for reporting.
- **Mean Time to Recover:**
 - Only ServiceNow data is considered.
 - Critical and high priority incidents are considered major incidents.
- **Change Failure Rate %:**
 - Only ServiceNow data is considered.

Components used in this dashboard

This section lists all the attributes and metrics used to build the reports in this dashboard.

Attributes

Attribute Name	Description
Application	Name of the software program designed to perform a specific task
Application version	Unique identifier of the application
Calendar Date	Gregorian calendar date displayed in the format 'M/D/YYYY'
Calendar Month	Gregorian calendar month displayed in the format 'Mon YYYY'
Caused by Change	Change request that caused the incident
Change End date	The completion date and time of the change request
Change Request Description	Description of a task created requesting a change
Change Request Number	Unique identifier of a task created to implement a change in a process or product
Change Request Source URL	The source link to view the change request
Change Start date	The creation date and time of the change request
Deployment Status	Current status of the deployment
Deployment End Date	The completion date and time of the deployment
Deployment ID	Unique identifier for the deployment
Deployment Name	Label or identifier assigned to a specific deployment process or event
Deployment Source URL	The link to view the deployment in the Digital.ai Deploy source

Attribute Name	Description
Deployment Start Date	Date on which the package was initially deployed
Deployment type	Type of deployment that is being carried out
Environment	Name of the environment under the release definition in which the deployment was carried out
Incident Close Code	Field to capture how the Incident was closed
Incident Description	Description of an unplanned interruption
Incident End date	The completion date and time of the incident
Incident number	Unique identifier of the Incident
Incident Source URL	The link to view the incident in the ServiceNow source
Incident Start Change	The date and time of implementing changes to an incident report
Lagging 30 days period flag	Flag to indicate if an event or count has occurred in the past 30 days
Organization	Name of the structured group of people with a common goal or purpose
Performance level	Discrete values used to identify the benchmarks
Release	Name of the working software provided to an end user
Release Description	The description of the release
Release ID	Unique ID of the Release
Release Source URL	The link to view the release in the Digital.ai Release source

Metrics

Metric Name	Description
Change failure rate	Percentage of change in Change Requests that have failed
Cycle time (Days)	The time taken in days from when a development team starts working on a change until it is deployed in production
Deployment Failure rate	Percentage of number of deployments which are unsuccessful
Deployment Frequency	Average number of successful software released to production
Lead time (Days)	The total time in days from when a customer or user requests a change until it is deployed in production
Lead time for change (Days)	Total time in days from when the development team makes a commit until the change is deployed in production
Major Incidents	Incidents reported as Critical or High priority
Mean time to recover (hours)	The elapsed time between the Incident creation and resolution. The elapsed time is measured as the total time
Total deployments	Total count of Deployments attempted for a particular release
Total no of change request	Total count of requests for a change in a process or product that is necessary

Configuring DORA Industry Standards

The DORA dashboard is pre-configured with certain default configurations, such as threshold values, bucket ranges, labels, and so on. These values can be modified to suit customers' requirements.

Steps

1. Log in to Digital.ai Intelligence Platform.
2. From the navigation menu, click **Configuration > Value Standardization**. The Value Standardization page is displayed. **Tip:** Alternatively, you can launch the Value Standardization page by clicking **Value Standardization** from the Home () page.
3. Select the required dimension class (for example, Major Incident P2 Age Points Bucket).
The Value Standardization page for the corresponding dimension is displayed.
4. Click **Edit**.
The Edit Value Standardization page is displayed.
5. Edit the warehouse values such as Warehouse Code, Label, Lower Range, and Higher Range, as required.
6. Click **Save**.

	Deployment Frequency	Lead Time for Change	Mean Time to Recover	Change Failure Rate
Elite	Multiple deploys per day	Less than one day	Less than 1 hour	5%
High	Between once per day and once per week	Between 1 day and 1 week	Less than 24 hours	10%
Medium	Between once per week and once per month	Between 1 week and 1 month	More than 24 hours and less than 720 hours	15%

	Deployment Frequency	Lead Time for Change	Mean Time to Recover	Change Failure Rate
Low	Less than once per month	More than or equal to 30 days	More than 720 hours	64%

The following configurations enable you to specify the LOVs based on each DORA metric:

LOV Dimension Class: DORA~CHANGE_FAILURE_RATE_STD_BUCKET

Standardized Code	Standardized Label	Lower Range	Higher Range
CHANGE_FAILURE_RATE~LOW	15%	16	64
CHANGE_FAILURE_RATE~HIGH	10	6	10
CHANGE_FAILURE_RATE~MEDIUM	64	11	15
CHANGE_FAILURE_RATE~ELITE	5	0	5

- Dataset: dora_industry_standard_grid
- Offered as: Metrics

LOV Dimension Class: DORA~CHANGE_LEAD_TIME_STD_BUCKET

Standardized Code	Standardized Label	Lower Range	Higher Range
CHANGE_LEAD_TIME~HIGH	Between 1 day and 1 week	1	7
CHANGE_LEAD_TIME~LOW	More than or equal to 30 days	30	10000000
CHANGE_LEAD_TIME~MEDIUM	Between 1 week and 1 month	7	30
CHANGE_LEAD_TIME~ELITE	Less than one day	0	1

- Dataset: dora_industry_standard_grid
- Offered as: Metrics

LOV Dimension Class: DORA~DEPLOYMENT_FREQUENCY_STD_BUCKET

Standardized Code	Standardized Label	Lower Range	Higher Range
DEPLOYMENT_FREQUENCY~HIGH_WEEKLY	Between once per day and once per week	1	1
DEPLOYMENT_FREQUENCY~LOW_MONTHLY	Less than once per month	2	1
DEPLOYMENT_FREQUENCY~ELITE_DAILY	On demand	0	1
DEPLOYMENT_FREQUENCY~MEDIUM_MONTHLY	Between once per week and once per month	3	1

- Dataset: dora_industry_standard_grid
- Offered as: Metrics

LOV Dimension Class: DORA~MEAN_TIME_TO_RECOVER_STD_BUCKET

Standardized Code	Standardized Label	Lower Range	Higher Range
MEAN_TIME_TO_RECOVER(MTTR)~MEDIUM	More than 24 hours and less than 720 hours	24	720
MEAN_TIME_TO_RECOVER(MTTR)~ELITE	Less than 1 hour	0	1
MEAN_TIME_TO_RECOVER(MTTR)~LOW	More than 720 hours	720	10000000

Standardized Code	Standardized Label	Lower Range	Higher Range
MEAN_TIME_TO_RECOVER(MTTR)~HIGH	Less than 24 hours	1	24

- Dataset: dora_industry_standard_grid
- Offered as: Metrics

Out-of-the-box Datasets

Out-of-the-box datasets are pre-built and ready-to-use datasets that you can use to create visually appealing reports. These datasets can be used to create customized dashboards based on your requirements. You initiate analysis, development, or testing without the need to collect, clean, or prepare data from scratch. These datasets serve as a convenient resource for users to promptly commence data-related tasks, learn new tools, and develop solutions with minimal setup effort.

Datasets

The out-of-the-box datasets are created using data that is available in Digital.ai Release and Digital.ai Deploy. You can use these ready-to-use datasets to create customized dashboards based on your requirements.

The following is a list of datasets available as part of Digital.ai Release and Digital.ai Deploy:

- [DORA Change Request Analysis](#)
- [DORA Common Filter Details](#)
- [DORA Deployment Analysis](#)
- [DORA Incident Analysis](#)
- [DORA Industry Standard Grid](#)
- [DORA Lead Time Analysis](#)
- [DORA Release Last Refresh Datetime](#)

DORA Change Request Analysis

The Change Request Analysis dataset helps you analyze the change requests within a project or organization. This dataset facilitates the Change Executives or Change leaders to monitor, evaluate, and track change requests throughout their cycle. Using this dataset helps you gain insights into business scenarios such as:

- Identify successfully implemented change requests.
- Determine which change request was unsuccessful and monitor the responsible team.
- Analyze the failure rate of changes and track improvements.

Attributes

The following list of attributes are available as part of this dataset:

Attribute Name	Description
Application	Name of the software program designed to perform a specific task
Calendar date	Gregorian calendar date displayed in the format <code>M/D/YYYY</code>
Calendar month	Gregorian calendar month displayed in the format <code>Mon YYYY</code>
Calendar Week	Gregorian calendar week displaying the week number. For example, W21, W22
Change failure flag	Flag to indicate if the Change Request is a failed Change Request
Change request close code	Code to indicate if the Change was "Successful", "Successful with issues", or "Unsuccessful"
Change request description	Description of a task created requesting a change

Attribute Name	Description
Change request number	Unique identifier of a task created to implement a change in a process or product
Change request source URL	The source link to view the change request
Change request state	Current state of the Change Request
Closed datetime	The completion date and time of the change request
Lagging 30 days period flag	Flag to indicate if an event or count has occurred in the past 30 days
Lagging count of days	Count of number of days since the first data record till current day
Lagging count of months	Count of number of months since the first data record till the current month
Lagging count of weeks	Count of number of weeks since the first data record till the current week
Linked to release flag	Flag to indicate for an alteration to be included in an upcoming version of a software
Opened datetime	The creation date and time of the change request
Organization	Name of the structured group of people with a common goal or purpose
Release	Unique ID of the Release
Team	Name of the group consisting of individuals who work together collaboratively to achieve a shared goal or task

Metrics

The following list of metrics are available as part of this dataset:

Metric Name	Description
Change failure rate	Percentage of change in Change Requests that have failed
No of closed changes	Number of Change Requests closed within a period of time
No of failed changes	Number of Change Requests that are unsuccessful

DORA Common Filter Details

The DORA common filter details dataset allows you to filter a range of data based on the criteria you define. For example, the Parent folder attribute as a filter allows you to select any level from the parent attribute and displays a flattened view of all underlying child release folders that are associated either directly or indirectly with the parent folder. And individuals who work together collaboratively to achieve a task represented as teams.

Attributes

The following list of attributes are available as part of this dataset:

Attribute Name	Description
Application	Name of the software program designed to perform a specific task
Child Folder	Displays folders that have at least one parent folder
Parent Folder	Displays folders that have at least one child folder
Source Name	Name of the origin of a specific set of information
Team	Name of the group consisting of individuals who work together collaboratively to achieve a shared goal or task
Type	Data type of a variable or value

DORA Deployment Analysis

The Deployment Analysis dataset provides an overview of the deployment process for software updates of an organization. This dataset helps you gain valuable insights into the deployment process, enabling them to make informed decisions, improve efficiency, and ensure the reliability of software. Using this dataset, you can answer business questions related to deployments such as:

- Identify the percentage of successful deployments.
- Analyze the failure rate of deployments and track improvements.
- Average deployments handled in a given quarter, and so on.

Attributes

The following list of attributes are available as part of this dataset:

Attribute Name	Description
Application	Name of the software program designed to perform a specific task
Application version	Unique identification number assigned to identify different set of software program
Calendar date	Gregorian calendar date displayed in the format 'M/D/YYYY'
Calendar month	Gregorian calendar month displayed in the format 'Mon YYYY'
Calendar week	Gregorian calendar week displaying the week number. For example, W21, W22
Deployment	Unique identifier for the deployment
Deployment completed datetime	Date and time on which the deployment was completed

Attribute Name	Description
Deployment start datetime	Date and time on which the deployment was kicked off
Deployment status	Current status of the deployment
Deployment task type	Type of deployment that is being carried out
Environment	Name of the environment under the release definition in which the deployment was carried out
Failed flag	Flag to indicate if the deployment is unsuccessful
Lagging 30 days period flag	Flag to indicate if an event or count has occurred in the past 30 days
Lagging count of days	Count of number of days since the first data record till current day
Lagging count of months	Count of number of months since the first data record till current month
Lagging count of weeks	Count of number of weeks since the first data record till current week
Release folder	Name of the Folders within which Releases are Organized
Release task name	Title of a Release task
Release task type source URL	Source System url link to navigate directly
Successful flag	Release is successful if it is completed in time, without any task failure and skipped Task and release risk score is in green

Metrics

The following list of metrics are available as part of this dataset:

Metric Name	Description
Deployment failure rate	Percentage of number of deployments which are unsuccessful
Deployment frequency daily	Daily average number of Deployments
Deployment frequency last 30 days	Average number of successful deployments in the last 30 days
Deployment frequency monthly	Monthly average number of Deployments - Rolling 30 days average
Deployment frequency weekly	Weekly average number of Deployments - Rolling 7 days average
No of days	Average time of deployments in days
No of failed deployments	Total number of deployments that yielded no results and are currently in failed status
No of months	Average time of deployments in months
No of successful deployment	Total number of deployments that yielded results and are currently in successful status
No of weeks	Average time of deployments in weeks
Total Deployments	Total number of deployments

DORA Incident Analysis

The Incident Analysis dataset helps you analyze the incidents that occurred within a system or organization. This dataset provides valuable insights into incident management, helping you track, analyze, and improve their response to incidents, ultimately providing user satisfaction. Using this dataset helps you gain insights into business scenarios such as:

- Address recurring issues, identify root causes, and prevent similar incidents in the future.
- Track the Incident management process, identify bottlenecks, and implement measures to optimize efficiency.

Attributes

The following list of attributes are available as part of this dataset:

Attribute Name	Description
Application	Name of the software program designed to perform a specific task
Calendar date	Gregorian calendar date displayed in the format 'M/D/YYYY'
Calendar month	Gregorian calendar month displayed in the format 'Mon YYYY'
Calendar week	Gregorian calendar week displaying the week number. For example, W21, W22
Caused by	Change request that caused the incident
Incident	Name of the unplanned interruption of a service
Incident close code	Field to capture how the Incident was closed
Incident description	Description of a unplanned interruption
Incident source URL	Link to ServiceNow instance where the incident is managed

Attribute Name	Description
Incident state	Current state of the Incident
Lagging 30 days period flag	Flag to indicate if an event or count has occurred in the past 30 days
Lagging count of days	Count of number of days since the first data record till current day
Lagging count of months	Count of number of months since the first data record till the current month
Lagging count of weeks	Count of number of weeks since the first data record till the current week
Opened datetime	The creation date and time of the incident
Organization	Name of the structured group of people with a common goal or purpose
Resolved datetime	The completion date and time of the incident
Team	Name of the group consisting of individuals who work together collaboratively to achieve a shared goal or task

Metrics

The following list of metrics are available as part of this dataset:

Metric Name	Description
Mean time to recover days	Total number of days taken for Incidents to move from the Open to Resolved state
Mean time to recover hours	Total number of hours taken for Incidents to move from the Open to Resolved state

Metric Name	Description
No of Resolved Major Incidents	Total number of major incidents that were successfully closed
Open to resolved duration	The number of Incidents with the Incident status - Resolved as on a specific time period

DORA Industry Standard Grid

The DORA Industry Standard Grid dataset is used to view the industry standard thresholds set by the DORA team for comparison and performance enhancements.

Attributes

The following list of attributes are available as part of this dataset:

Attribute Name	Description
Dora metric	Name of the key metrics
Performance level	Discrete values used to identify the benchmarks
Standardized code	DORA community benchmarks represented by categories
Standardized label	Description or name associated with the code that provides meaning

Metrics

The following list of metrics are available as part of this dataset:

Metric Name	Description
Lower range	Minimum value or the lowest end of the range
Upper range	Maximum value or the highest end of the range

DORA Lead Time Analysis

The Lead Time Analysis dataset provides insights into the time it takes for a process to be completed, from the initiation of work to its final delivery. This dataset helps you understand the development process better, optimize workflows, and deliver software more efficiently while meeting customer expectations.

As a business stakeholder, you can find answers for some of the key business scenarios such as:

- Understand the efficiency at each stage and improve the process that contributes to most lead time.
- Identify bottlenecks, ensure to allocate sufficient time, and improve quality.
- Forecast and plan future tasks using historical lead time and cycle time data.

Attributes

The following list of attributes are available as part of this dataset:

Attribute Name	Description
Application	Name of the Application
Calendar Date	Gregorian calendar date displayed in the format 'M/D/YYYY'
Calendar month	Gregorian calendar month displayed in the format 'Mon YYYY'
Calendar week	Gregorian calendar week displaying the week number. For example, W21, W22
Commit start datetime	Date and time of the developer contributing code to the repository
Deployment completed datetime	The completion date and time of the deployment

Attribute Name	Description
Lagging 30 days period flag	Flag to indicate if an event or count has occurred in the past 30 days
Lagging count of days	Count of number of days since the first data record till current day
Lagging count of months	Count of number of months since the first data record till the current month
Lagging count of weeks	Count of number of weeks since the first data record till the current week
Last deployment	Last date of the application deployed
Release	Name of the working software provided to an end user
Release description	The description of the release
Release folder	Name of the Folders within which Releases are Organized
Source type	Category of source data based on its characteristics

Metrics

The following list of metrics are available as part of this dataset:

Metric Name	Description
Cycle time days	Duration in days between the first In Progress date and the last completed date of work item whose current status is completed
Cycle time duration seconds	Duration in seconds between the first In Progress date and the last completed date of work item whose current status is completed

Metric Name	Description
Lead time days	Duration in days from the time the work item was created until it is completed
Lead time duration seconds	Duration in seconds from the time the work item was created until it is completed
Lead time for change days	Duration in days for a selected change request
Lead time for change duration seconds	Duration in days from creation to completion for a selected change request
No of cycle time	Count of production deployments for the Agile Source
No of lead time for change	Count of production deployments for the SCM Source
No of rows	Count of production deployments for the Change Source
Sum of cycle time seconds	Total duration in seconds between the first In Progress date and the last completed date of work item whose current status is completed
Sum of lead time for change seconds	Total duration in days from creation to completion for a selected change request
Sum of lead time seconds	Total duration in seconds from the time the work item was created until it is completed
Total Deployments	Number of deployments attempted for a particular release

DORA Release Last Refresh Datetime

The DORA release last refresh datetime dataset is used to view the time stamp of when the data load occurred and presented in a machine-readable format `yyyy-MM-dd HH:mm:ss.SSS`.

Attributes

The following attribute is available as part of this dataset:

Attribute Name	Description
Last refresh datetime	Displays the date and time of the recent data load

Workflow Analytics

Workflows are step-by-step interactive sessions designed to accelerate developers' familiarity with internal tools and streamline the onboarding of applications and environments. These guided workflows prompt users for inputs and automatically generate necessary artifacts, facilitating release orchestration and end-to-end deployment. Workflows minimize the need for in-depth tool knowledge, allowing developers to focus on their core tasks. They serve as repeatable paths for addressing various engineering needs, ensuring efficiency, consistency, and ease of use throughout the development and deployment lifecycle.

Analyzing workflow usage details is crucial for process improvement as it allows Platform engineering teams to identify bottlenecks, inefficiencies, and areas of improvement within their workflows. By understanding the specific metrics and patterns associated with each workflow and its workflow category, teams can make data-driven decisions to optimize their processes, increase productivity, and reduce errors.

This dashboard will help you answer some of the following business scenarios:

- How has the growth of the onboarding process evolved over time?
- Which workflows are completed most often, and which ones are frequently started but abandoned by users?
- What is the adoption rate and average execution time of workflows?

Dashboard Filters

Dashboard filters are used to apply globally across all the panels or widgets on a dashboard.

- Folder: Displays data about a specific folder within which workflow executions are organized.
- User: Displays data of an individual executing the workflows.
- Tags: Displays data associated with specific labels or keywords that classify workflows according to their characteristics.
- Start date: Displays data about a specific date range and time period. By default, the data is displayed for the last 30 days. From: The from filter allows you to include the beginning or starting date of the time period to analyze. To: The to filter allows you to include the end or closing date of the time period to analyze.
- Team: Displays data about a group who work together to achieve a shared goal or task.

- Workflow category: Displays data about a specific classification of workflow, as well as the associated workflow. **Note:** Each workflow may be assigned to one or more categories based on its characteristics.
- Status: Displays data about a specific state of the workflow. For example, you can choose completed to view data related to successful workflows or in-progress to view data related to ongoing workflows.

Panel Filters

Panel filters are used to filter a particular panel or visualization on the dashboard.

- Sort by: Displays data about the highest or lowest number of workflows that have been executed or the highest or lowest percentage of workflows that have been successfully completed. For example, choosing the highest and assigning a value 10, provides you with the top ten most executed workflows and vice versa.

This dashboard is built using workflow_details, workflow_category_details, workflow_teams, workflow_tag_details, and workflow_users_details datasets.

KPIs

- Successful Executions: Displays the number of successful workflow executions.
- Successful Executions %: Displays the percentage of successful workflow executions.
- Failed Executions: Displays the number of failed workflow executions.
- Failed Executions %: Displays the percentage of failed workflow executions.
- Workflow adoption rate (%): Displays the percentage of active users executing workflows when compared to total users.
- Licensed Users: Displays the total number of authenticated users.

Note: Data displayed for all KPIs except Licensed users is for the last 30 days by default, and changes based on the Start date filter.

Workflow Executions Overview by Category

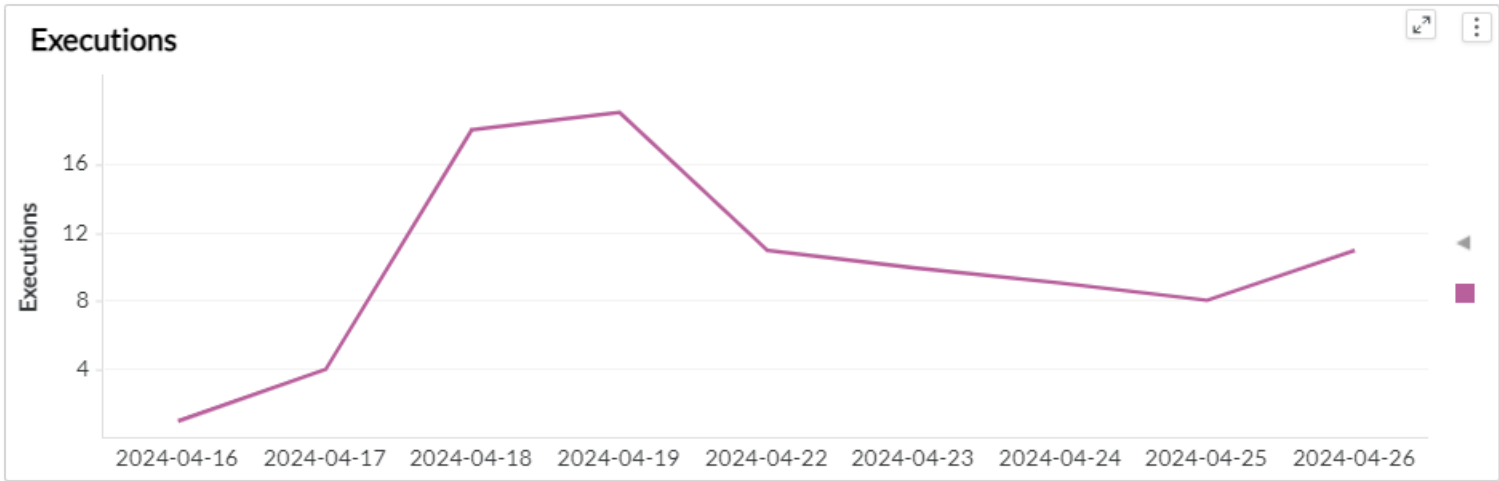
This section is focused on workflow insights, classified by their respective categories. The insights offered here are designed to provide you with a comprehensive overview of workflow details, facilitating efficient analysis. Organizing insights into specific categories allows you to quickly identify the highest or lowest used workflow category and its associated workflow in terms of execution and completion. You can click on a particular workflow category to drill down and view details such as workflow name, release folder name, workflow status, workflow completion date, number of times the workflow is being executed, number of users, number of teams, percentage of successful workflow execution, and percentage of failed workflow execution.

Selection of a category from this panel drives the data of the Executions and Users panel.

Executions

This section displays the trend of workflow executions classified by their respective categories, which explains how workflow executions change over time. Understanding the changes in workflow executions over time is crucial for identifying patterns and making data-driven decisions to improve efficiency and productivity. The X-axis represents the execution count, and the Y-axis represents the day or week or month based on the time period you choose. You can hover over the graph to get the workflow category, day or week or month, and execution count details.

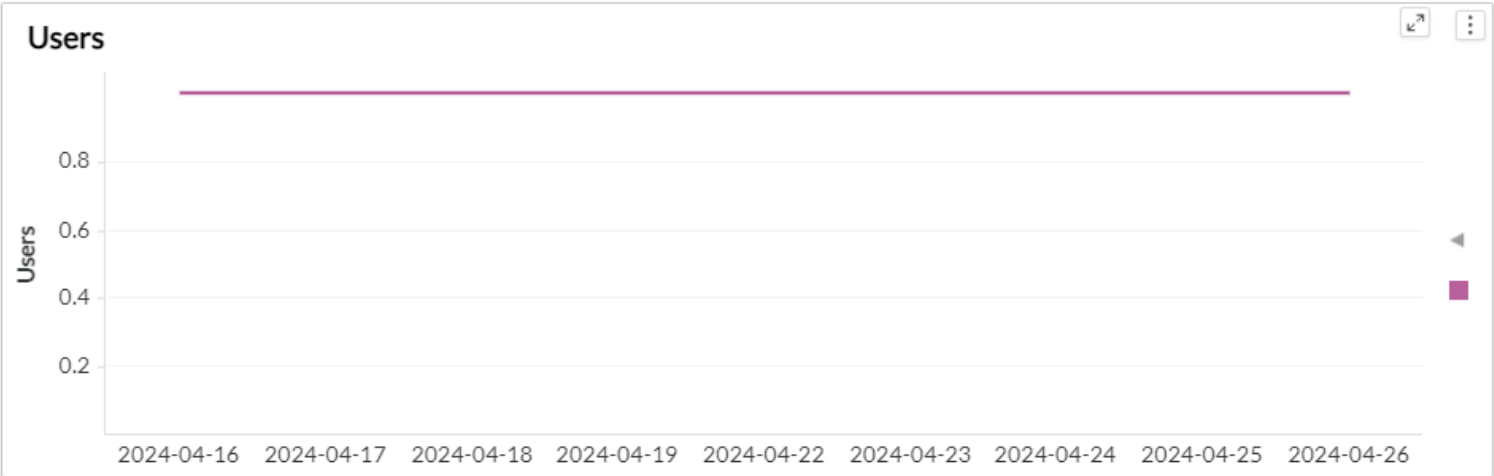
By default, execution details of all workflow categories are displayed, but selecting a specific category displays information relevant to that category.



Users

This section displays the trend of users classified by workflow categories. Analyzing this trend can provide valuable insights into user behavior and preferences over time. It can help identify patterns, such as peak usage periods or fluctuations in user engagement, which can inform product development and resource allocation. The X-axis represents the user and the Y-axis represents the day or week or month based on the time period you choose. You can hover over the graph to get the workflow category, day or week or month, and execution count details.

By default, user details of all workflow categories are displayed, but selecting a specific category displays information relevant to that category.



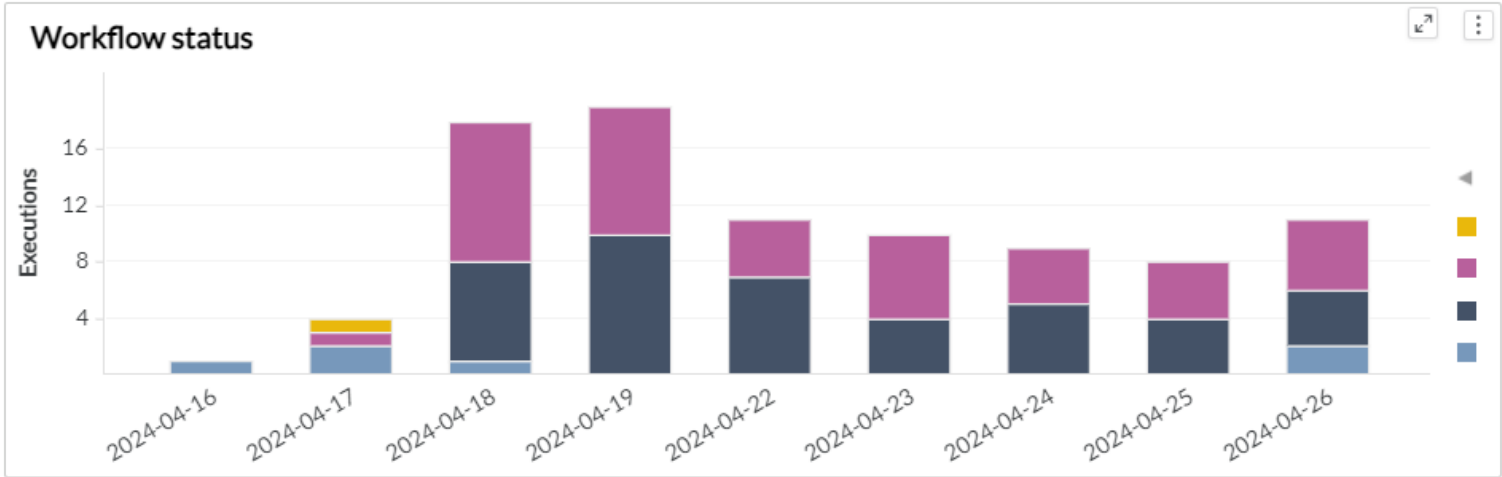
Workflow adoption

This section displays details of the extent to which a team or users are using a particular workflow and provides a holistic view of workflow adoption, enabling organizations to optimize their processes and ensure effective utilization of their workflow. You can drill down to details such as team and user details to understand who is utilizing workflows, completed dates to analyze the trend, successful executions to know the reliability and efficiency, failed executions for improvement and troubleshooting, executions to know how often workflows are being utilized, and number of different workflows executed.

Workflow Status

This panel displays a vertical bar graph showing the data of the count of executions for various workflow statuses. Using this section, you can view the number of workflows associated with a specific status such as in progress, failed, completed, and aborted. A growing trend of successful executions indicates a smooth and efficient workflow. However, if the number of failed executions rises, it suggests

that underlying errors must be addressed. You can hover over a vertical bar to view the status, start date, and count of executions.



Workflow Duration

This section helps you track the execution duration of each workflow, enabling you to identify which workflows take longer to execute and may need improvement. You can drill down details such as workflow category, workflow name, release folder, workflow status, number of executions, and average execution duration in minutes.

Tracking the execution duration details for each workflow helps identify which workflows take longer to execute and could be improved.

Usage trend

This section provides you with a comprehensive view of user engagement, team involvement, and overall activity levels and helps you identify any fluctuations in usage. You can drill down details such as username, team name, total number of executions, executions in last 30 days, executions in previous 30 days, and usage difference between the last 30 days and the previous 30 days.

Components used in this dashboard

This section lists all the attributes and metrics used to build the reports in this dashboard.

Attributes

Attribute	Description
Completed Date	Date and time when the Workflow was closed
Folder	Name of the Folders within which Releases are Organized
Lagging count of 30 days period	Count of the number of days in a 30-day period since the first data record to the present
Release Owner	The owner of the of the release
Workflow	Workflows are a combination of tasks that can be carried out interactively
Workflow category	Category to which the workflow belongs
Workflow completed date	Date and time when the Workflow was closed
Workflow start date	Date and time when the Workflow was created
Workflow status	Current status of the workflow
Workflow Team Name	Name of the group consisting of individuals who work together collaboratively on a workflow

Metrics

Metric	Description
Avg execution duration	Average amount of time it takes for execution of workflow
Executions	The total number of times the task is performed

Metric	Description
Executions in Last 30 days	The number of times the task is performed in the last 30 days
Executions in Last 60 to 30 days	The number of times the task is performed in the last 60 to 30 days
Failed Executions	The number of times the task is unsuccessful
Failed Executions %	Percentage of workflows that are unsuccessful, out of total workflows created
Licensed Users	Individuals who have been granted authorization to execute a workflow
No different workflows executed	Count of different workflows performed
Successful executions	The number of times the task is successful
Successful executions %	Percentage of workflows that are successful, out of total workflows created
Teams	Team name responsible for executing workflows
Users	Individuals running the workflows
Workflow adoption rate	The rate at which users are adopting the workflow
Workflow execution diff	The change in the number of executions between the last 30 days and the previous 30 days

Out-of-the-box Datasets

Out-of-the-box datasets are pre-built and ready-to-use datasets that you can use to create visually appealing reports. These datasets can be used to create customized dashboards based on your requirements. You initiate analysis, development, or testing without the need to collect, clean, or prepare data from scratch. These datasets serve as a convenient resource for users to promptly commence data-related tasks, learn new tools, and develop solutions with minimal setup effort.

Workflow Analytics Datasets

The Workflow Analytics out-of-the-box datasets are created using data that is available in Digital.ai Release. You can use these ready-to-use datasets to create customized dashboards based on your requirements.

The following is a list of datasets available as part of Workflow Analytics:

- Workflow Category Details
- Workflow Details
- Workflow Tag Details
- Workflow Teams
- Workflow Users Details

Workflow Category Details

The Workflow Category Details dataset provides insights into the templates linked to various workflow categories, aiding efficiency in workflow execution through effective categorization.

Attributes

The following list of attributes are available as part of this dataset:

Attribute Name	Description
Workflow Category	Category to which the workflow belongs
Workflow Template	A pre-designed action flow that assists you in creating workflows based on common business processes without requiring you to begin from scratch

Workflow Details

Workflows are step-by-step interactive sessions designed to accelerate developers' familiarity with internal tools and streamline the onboarding of applications and environments. The Workflow Details dataset provides an overview of the workflow execution and helps you gain valuable insights using which teams can make data-driven decisions to optimize their processes, increase productivity, and reduce errors.

This dashboard will help you answer some of the following business scenarios:

- What is the percentage of successful and failed workflow executions?
- What is the adoption rate and average execution time of workflows?

Attributes

Attribute Name	Description
Completed date	Date and time when the Workflow was last closed, or was set to 'Closed' status
Folder	Name of the Folders within which Releases are Organized
Lagging count of 30 days period	Count of the number of days in a 30-day period since the first data record to the present
Lagging count of start days	Count of the number of days since the first data record from the start day to the present
Start Date	Date and time on which the workflow execution was kicked off
Status	Current status of the workflow
User	Individuals running the workflows

Attribute Name	Description
Workflow	Workflows are a combination of tasks that can be carried out interactively
Workflow completed month	Date and time when the Workflow was closed
Workflow completed week	Specific week during which a workflow process is fully completed
Workflow ID	Unique identifier for the workflow
Workflow Start Month	Specific month during which a workflow process is initiated
Workflow Start Week	Specific week during which a workflow process is initiated
Workflow Licensed Users	Count of individuals who are authorized to use the workflow

Metrics

Metrics Name	Description
Avg Execution Duration (min)	Average amount of time it takes for execution of tasks
Executions	The total number of times the task is performed
Failed Execution	The number of times the task is unsuccessful
Failed Execution (%)	Percentage of workflows that are unsuccessful, out of total workflows created
No of Executions in Last 30 days	The number of times the task is performed in the last 30 days

Metrics Name	Description
No of Executions in Last 60 to 30 days	The number of times the task is performed in the last 60 to 30 days
No Different Workflows Executed	Count of different workflows performed
No of Distinct Users	Count of unique individuals who execute workflows
Percent to Total (Executions)	Percentage of completed execution as compared to the total number of executions
Successful Executions	The number of times the task is successful
Successful Executions (%)	Percentage of workflows that are successful, out of total workflows created
Usage Difference	The change in the number of executions between the last 30 days and the previous 30 days
Workflow Adoption Rate (%)	The percentage of potential users who start using a workflow within a given period
Workflow Execution Duration	Amount of time it takes for execution of workflow

Workflow Tag Details

The Workflow Tag dataset provides insights into the tags associated with various workflows, used for categorization, thereby aiding in searchability and filtering.

Attributes

The following list of attributes are available as part of this dataset:

Attribute Name	Description
Workflow Tag	Labels or keywords associated with a workflow
Workflow ID	Unique identifier for the workflow

Workflow Teams

The Workflow Teams dataset provides insights into the teams working on various workflows, aiding in team management and workflow assignment tracking.

Attributes

The following list of attributes are available as part of this dataset:

Attribute Name	Description
Team	Name of the group consisting of individuals who work together collaboratively on a workflow
Workflow ID	Unique identifier for the workflow

Metrics

The following list of metrics are available as part of this dataset:

Metrics Name	Description
No of distinct teams	Count of the group comprises individuals who collaboratively work together on a workflow

Workflow Users Details

The Workflow Users Details dataset offers insights into user activity and license status, aiding in the management of user access and license allocation.

Attributes

The following list of attributes are available as part of this dataset:

Attribute Name	Description
Workflow Active Users	Flag to indicate of the individual who is currently engaged and interacting with the workflow
Workflow Licensed Users	Flag to indicate of the individuals who has the authorization to use the workflow
Workflow Username	Unique name assigned to an individual using the workflow

Metrics

The following list of metrics are available as part of this dataset:

Metrics Name	Description
No of Licensed Users	Count of individuals who are authorized to use the workflow
Total Active Release Users	Count of individuals who are currently engaged and interacting with the workflow