



# Release Notes 8.6



## Table of Contents

Platform .....	3
Report .....	5
Designer .....	6
Data Science Lab .....	7
Data Pipeline .....	8

# 2 February 2024

## Platform

### New Features

#### 1. Admin Module

- a. ENV variable configuration can be done for the **Form** module of the Platform.
- b. The **Refresh** option is provided on the **Execution Settings** page.
- c. The **Data Store Settings** option supports a password with special characters.
- d. The **Story Migration** has been renamed as **Report Migration**.

#### 2. BI Workflow: Implemented Data Preparation within the Report module to introduce the BI Workflow.

#### 3. Data Center

##### a. Data Connector

- i. Widget creation is possible based on the Data Connectors that are created with secret credentials.
- ii. Athena Connector supports additional parameters.
- iii. The HTTP port has been removed for the Clickhouse Data Connector.

##### b. Data Set: The **Preparation List** is displayed as a drawer on the **Data Set List** page.

##### c. Data Preparation

- i. Provided an option to select sheets while creating a Data Preparation with multiple sheets Excel file.
- ii. It is possible to select sheets and corresponding preparation while creating a Data Store.
- iii. Provided the drawer user interface for creating or opening Data Preparation from the Data Center.

##### d. Data Store Meta Data:

- i. The **Delete** icon is displayed in red color under the **Data Type Definition** page.
- ii. The **Edit** option has been provided in the **Data Type Definition** tab. If any of the following changes take place in the mapped table, then the related field or field(s) will get highlighted in the **Data Type Definition** section of the **Data Store Meta Data**:
  1. Adding new fields into the mapped table from the database.
  2. Removing the existing fields from the database.
  3. Changing the column names from the database.

- e. **Data Store**
    - i. The **Delete** icon is displayed in red color under the **Data Type Definition** page.
    - ii. The Batch Query support has been extended for the Data Stores based on the Mongo DB connectors. The user needs to write a Batch Query for the data stores based on a MongoDB data connector instead of generating it.
    - iii. Helper notes are provided on the **Batch Query** page for the ease of Data Store creation.
  - f. **Data Sandbox**: The **Preparation List** is displayed as a drawer on the **Data Sandbox List** page.
  - g. **Data Sheet**: The content of the Delete and Publish Notification messages has been modified.
4. The platform seamlessly supports branding and white labeling processes such as Logo and Copyrights.

## Enhancements

- 1. **Homepage:**
  - a. **UI Enhancements for Folder and File tiles:**
    - i. Improved display of the thumbnails.
    - ii. Document titles are featured at the bottom of each tile for streamlined identification and navigation for users.
  - b. **Data Center**: Enhanced confirmation message for the **Data Store Refresh**.

**Please Note:** The File connector has been deprecated from the Data Connector section of the Data Center.

# Report

## New Features

### 1. ML Views

- a. Sentiment Analysis is supported by the ML Views.
- b. The Notes are provided regarding the row limit for the Sentiment Analysis.
- c. The color property is provided for the Segmentation cluster.

## Enhancements

### 1. Chart Properties:

- a. **Insights:** The user can change color and font size options.
  - b. **Chart Slider:** Slider position and range has been enhanced.
2. Summary Level logic has been changed for the calculated field.
  3. **Chart Themes:** The colors of the Chart bars are defined based on the selected measures instead of Categories while displaying data in a report.

# Designer

## New Features

1. **Chart Export:** Implemented the CSV option in the chart Export context menu.
2. Global Property support has been provided for mobile and Tab View.

## Enhancements

1. **Dashboard Report Burst:** Title and Subtitle are removed from PDF.
2. **Sankey Chart:**
  - a. Implemented query support for source and target fields.
  - b. Added indicator support for value field.
  - c. Default color for node.
  - d. Tooltip precision control as property.
  - e. Component Formatter.
3. **Group Bar:** Implemented Text Wrap option for the Sub-category field.
4. **Decomposition chart:** Implemented loader while expanding the other node.
5. **DataGrid:** Implemented the checkbox property for multi-selection.

# Data Science Lab

## New Features:

1. Introducing the Repo Sync Projects with the following functionalities:
  - a. Added the **Repo Sync** option at the Project creation level to enable project-level synchronization with the Git repository.
  - b. Projects synchronized with a Git repository contain a **Git console** option.
  - c. Repository contents are presented in a specific folder structure, with options to **Add File** and **Add Folder** within a repo sync project.
  - d. Introduced Data Science Lab Project Migration for the Repo Sync Projects.
  - e. Users can switch Git branches for a Repo Sync project directly from the user interface.
  - f. User Interface indicators are available for files in conflict.
  - g. Notification for Repo Sync Projects is now included in the Project List.
2. A re-register option is now available for Data Science Lab scripts.
3. **Share Model**: Provided the **Share** option for sharing models with other users.

# Data Pipeline

## New Features

1. **Alerts in Job:** Receive notifications upon completion of your jobs, indicating success or failure for immediate action.
2. **Introducing on-demand Python Jobs:**
  - a. Execute jobs when needed.
  - b. Trigger instant job execution via UI/API payloads.
  - c. Scale up workload with parallel processing based on message input.
3. **System Logs for Spark and PySpark Jobs:** Access system logs (pod logs) for Spark and PySpark Jobs.
4. **Delete orphan pod in Job:** An option to delete orphan pods is provided in the Advanced Logs tab.
5. **Jobs Execution Logs:** Display execution logs for all instances in the History section on the List Jobs page.
6. **Auto Connect Feature:** The **Auto-Connect** feature aims to streamline the pipeline development process and enhance user convenience by connecting components with a Kafka topic in a pipeline.
7. **Format Pipeline Workflow:** Improved readability of complex pipeline workflows, reducing the cognitive load on users.
8. **Settings:** Enhanced the **System Component Status** page.
9. **View Job Drawer:** Users can view the configurations and other fields for the selected active job.

## Enhancements

1. UI/UX enhancements:
  - a. Improved user interface of the pop-up windows for creating Kafka and Data Sync Events.
  - b. Added a **Show More** button for logs in both the pipeline log panel and the job log panel.
  - c. Added Push/ Pull Pipeline slider for Git migration in the Pipeline Editor and Job Editor pages.
  - d. **Pipeline Monitoring:** Enhanced the user interface for the Data Metrics page.
  - e. **Failure Event Highlight:** By hovering over a **Failure Event**, the corresponding component gets highlighted.



