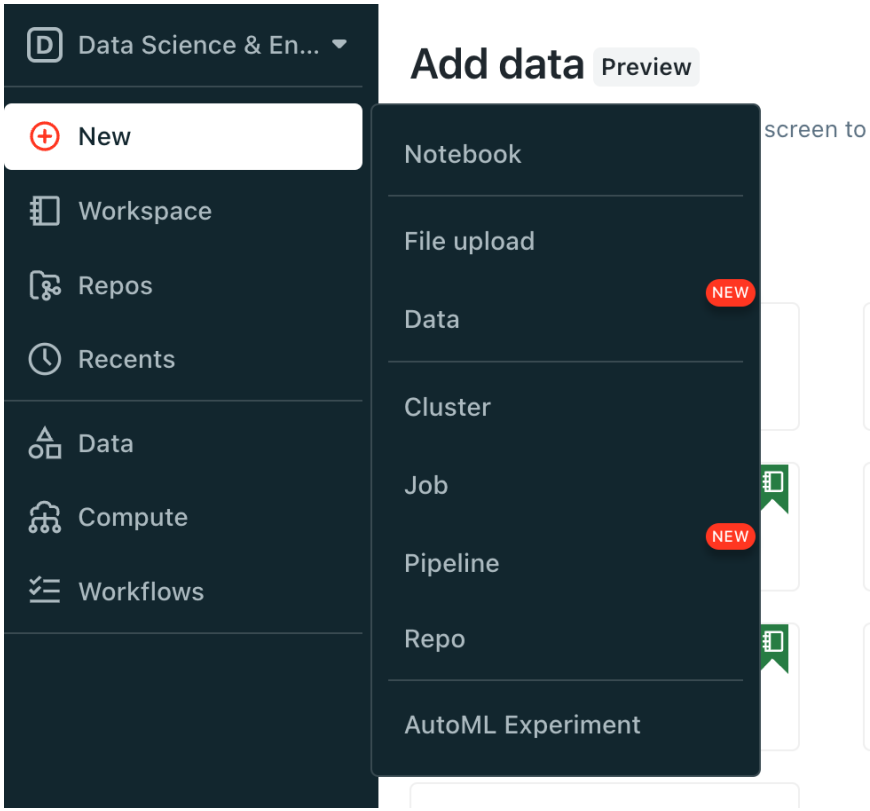
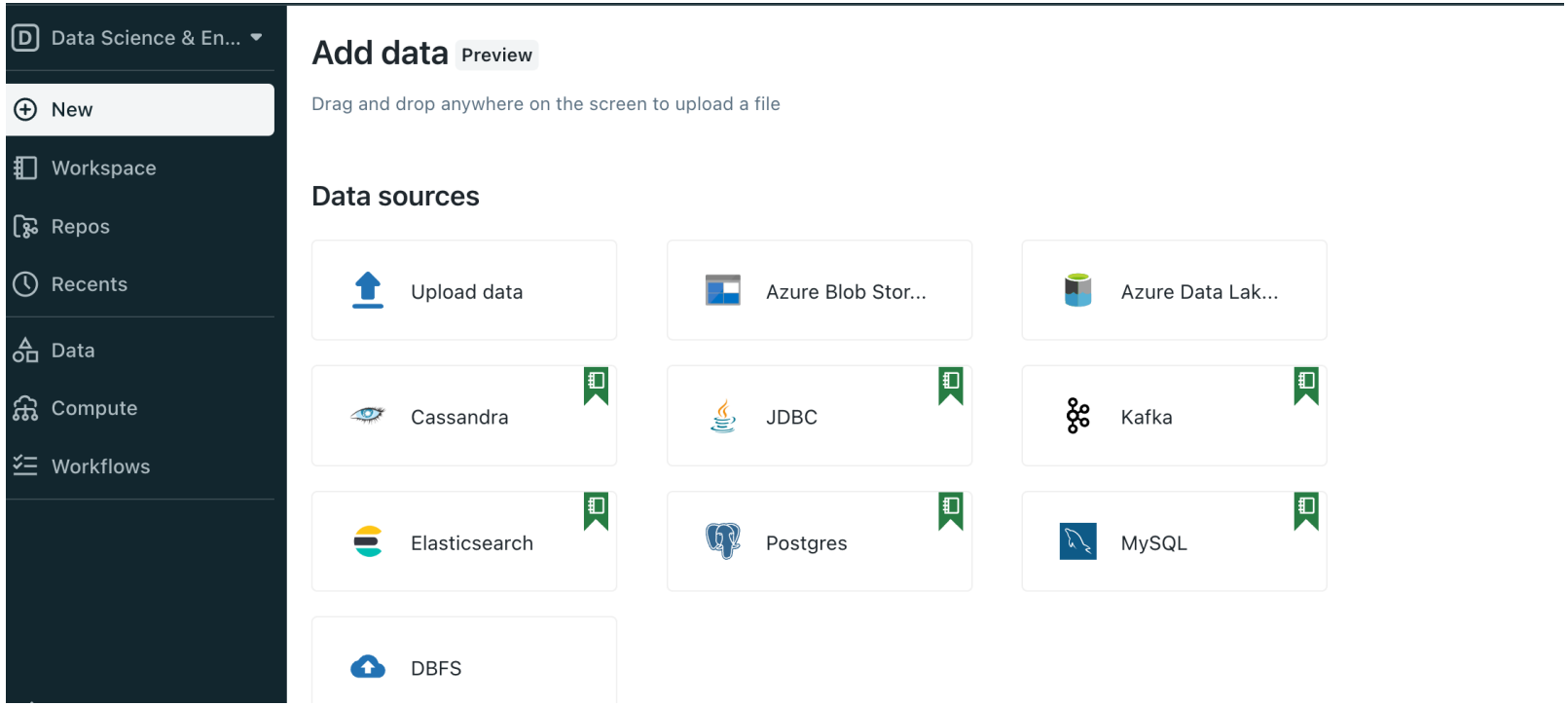
NEW UI Features in Databricks

databricks®

New UI With Data upload and connecting external storages with sample notebooks example.



Different types sources which we can connect.

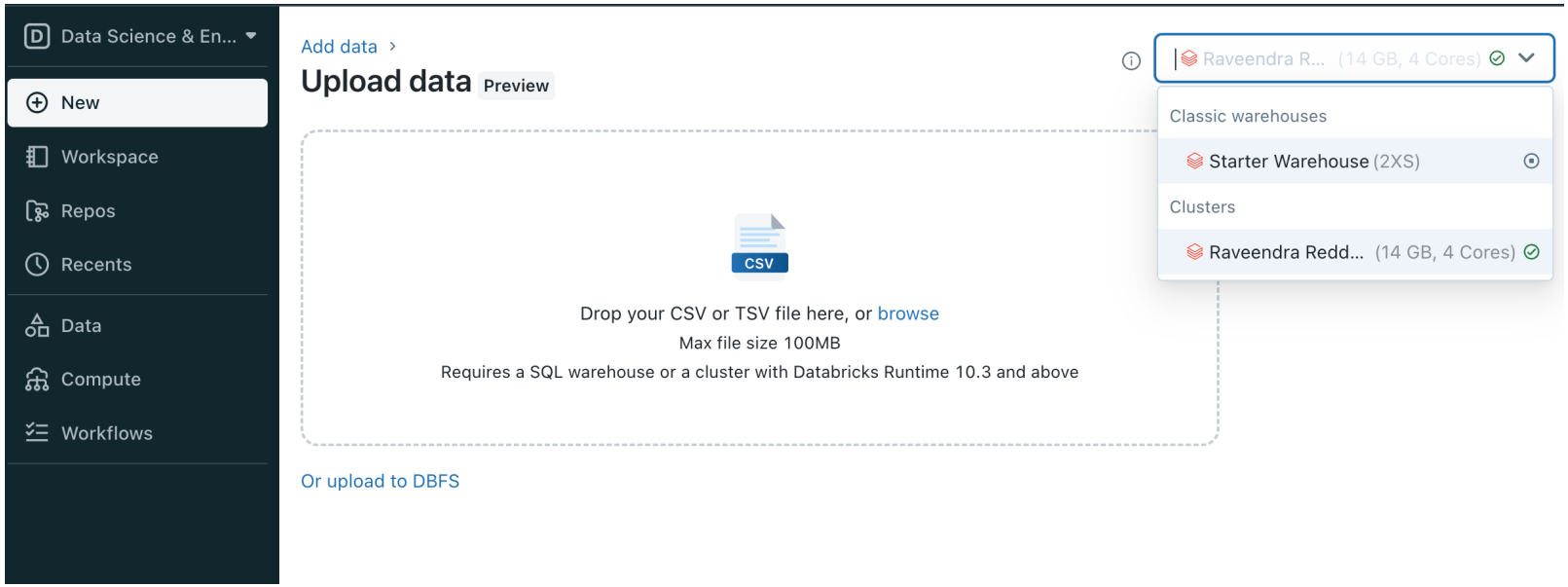


Create a table using file upload

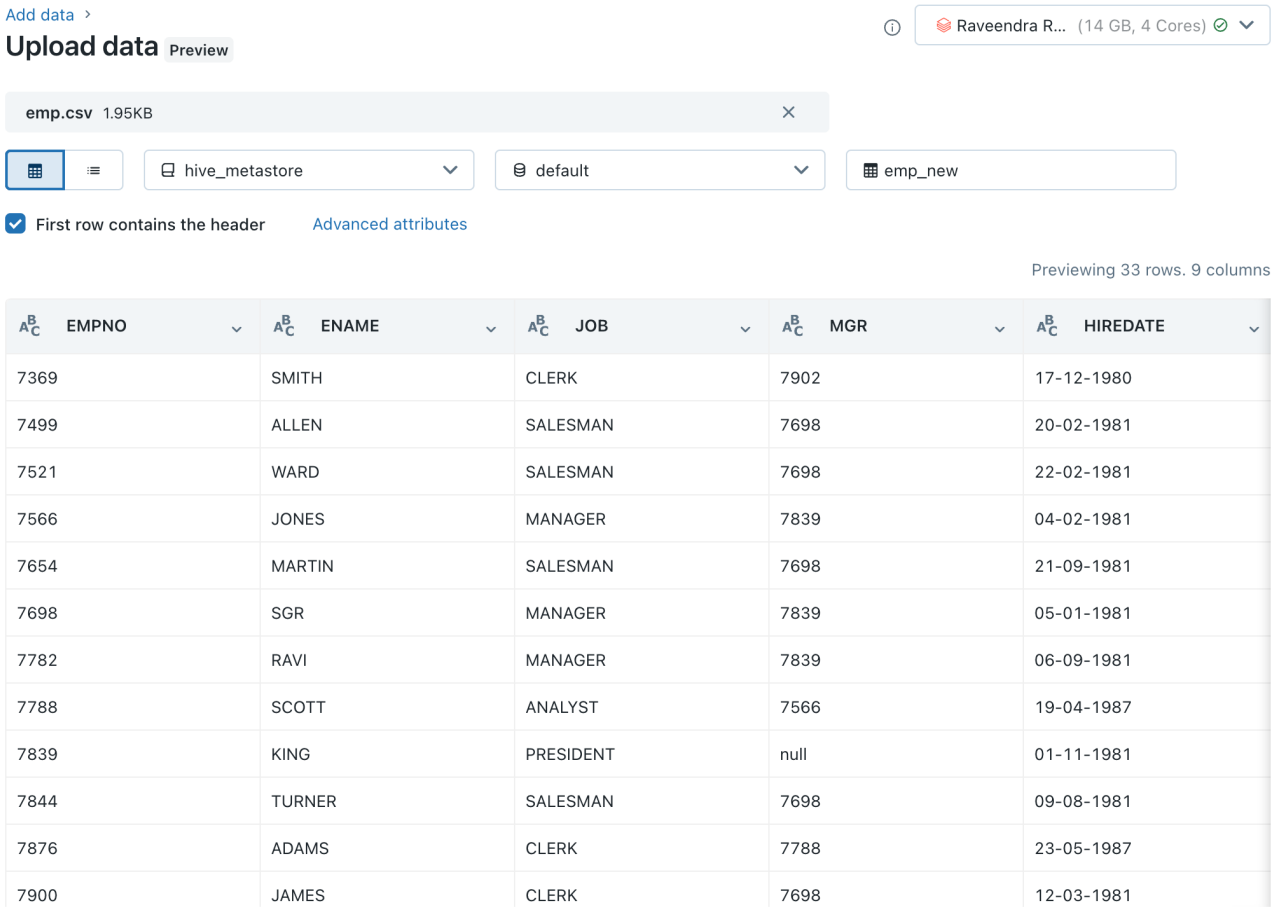
You can use the UI to create a Delta table by importing small CSV or TSV files from your local machine.

1. The upload UI supports uploading a single file at a time.
2. The file must be under 100 megabytes.
3. The file must be a CSV or TSV and have the extension ".csv" or ".tsv".
4. Compressed files such as `zip` and `tar` files are not supported.

For Data Preview we can use **SQL warehouse** or **all purpose clusters** in new UI.



New UI For Table creation while uploading from portal.



```
1  %fs ls /
```

Table +

NEW Visualization
NEW Data Profile
Legacy Visualization

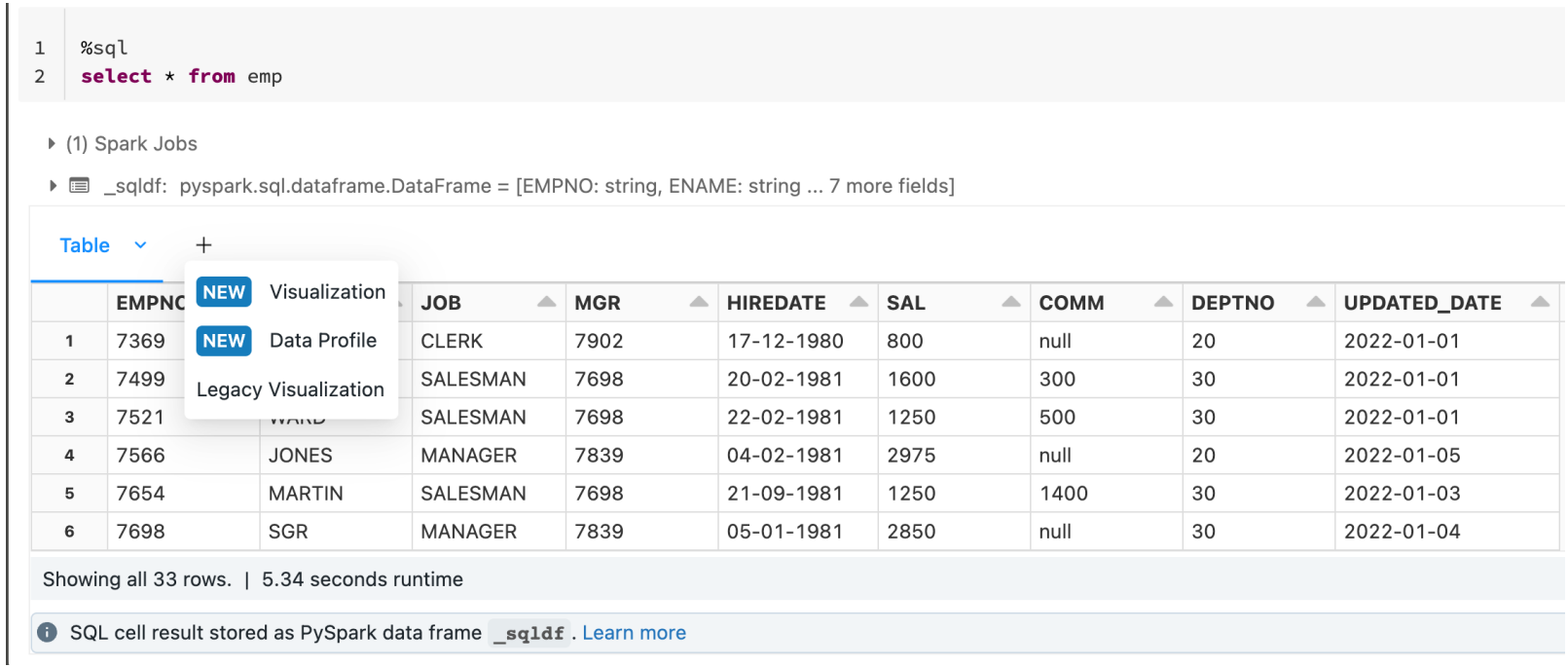
	path	name	size	modificationTime
1	dbfs:/Fi	FileStore/	0	1665631447000
2	dbfs:/ba	batch28/	0	1665547944000
3	dbfs:/databricks-datasets/	databricks-datasets/	0	0
4	dbfs:/databricks-results/	databricks-results/	0	0
5	dbfs:/mnt/	mnt/	0	1665633889000
6	dbfs:/user/	user/	0	1665631597000

Showing all 6 rows. | 9.04 seconds runtime

Cmd 2

Create a new visualization

To create a visualization from a cell result, the notebook cell must use a `display` command to show the result. Click **+** and select NEW Visualization. The visualization editor appears.



Visualization Editor

Visualization type

Bar

General | X axis | Y axis | Series | Colors | Data labels

Horizontal chart

X column

Choose column...

Y columns

Add column

Group by

Choose column...

Error column

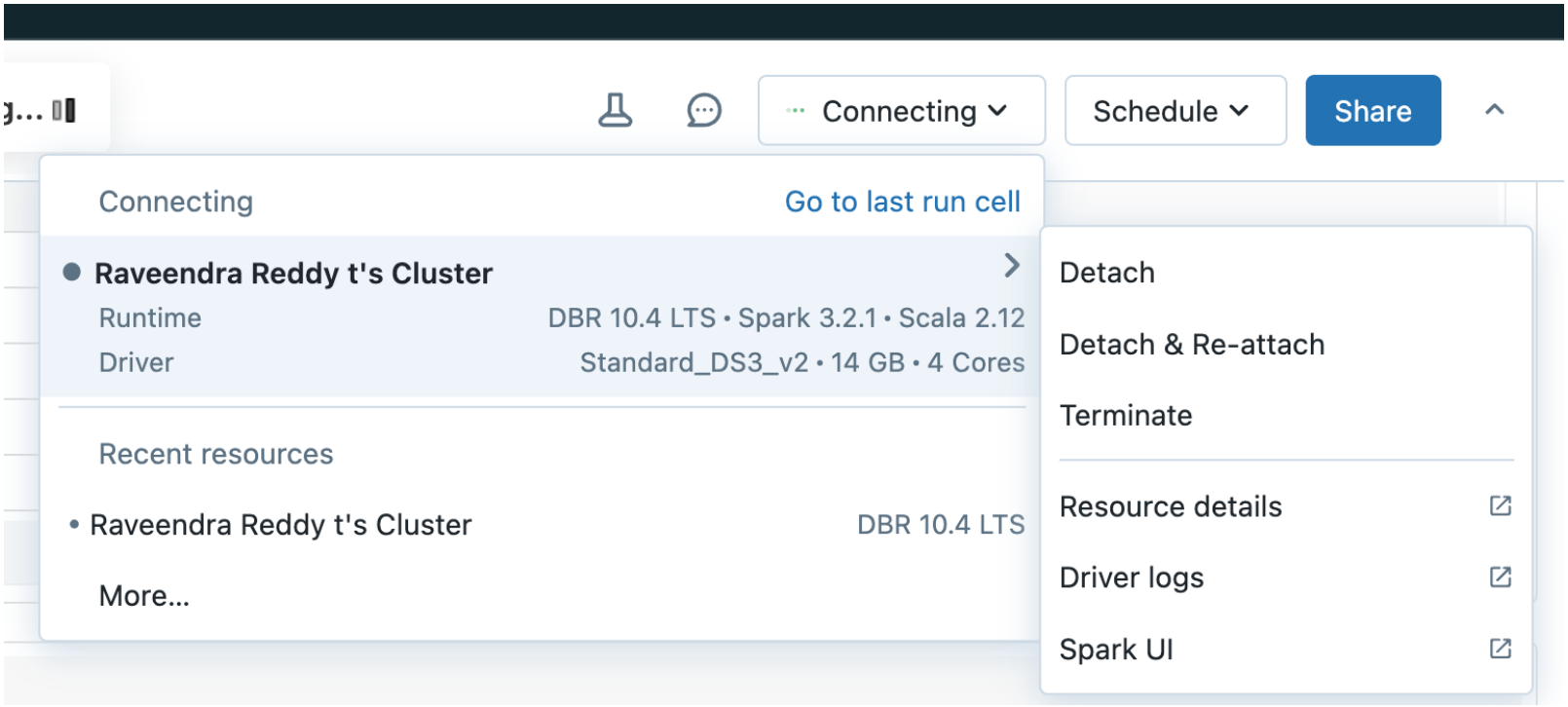
Add column

Stacking

Normalize values to percentage

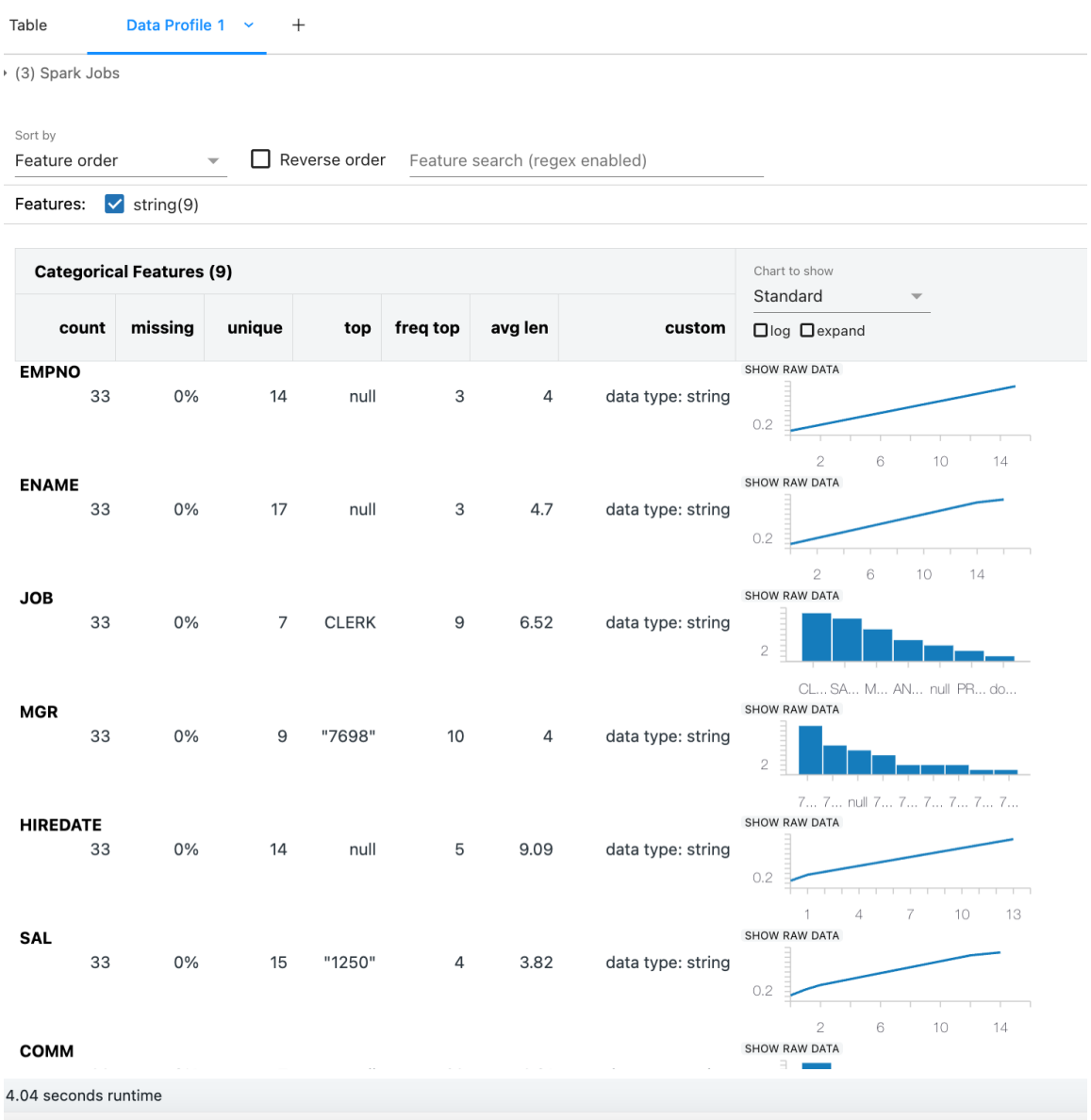
Missing and NULL values

Convert to 0 and display in chart

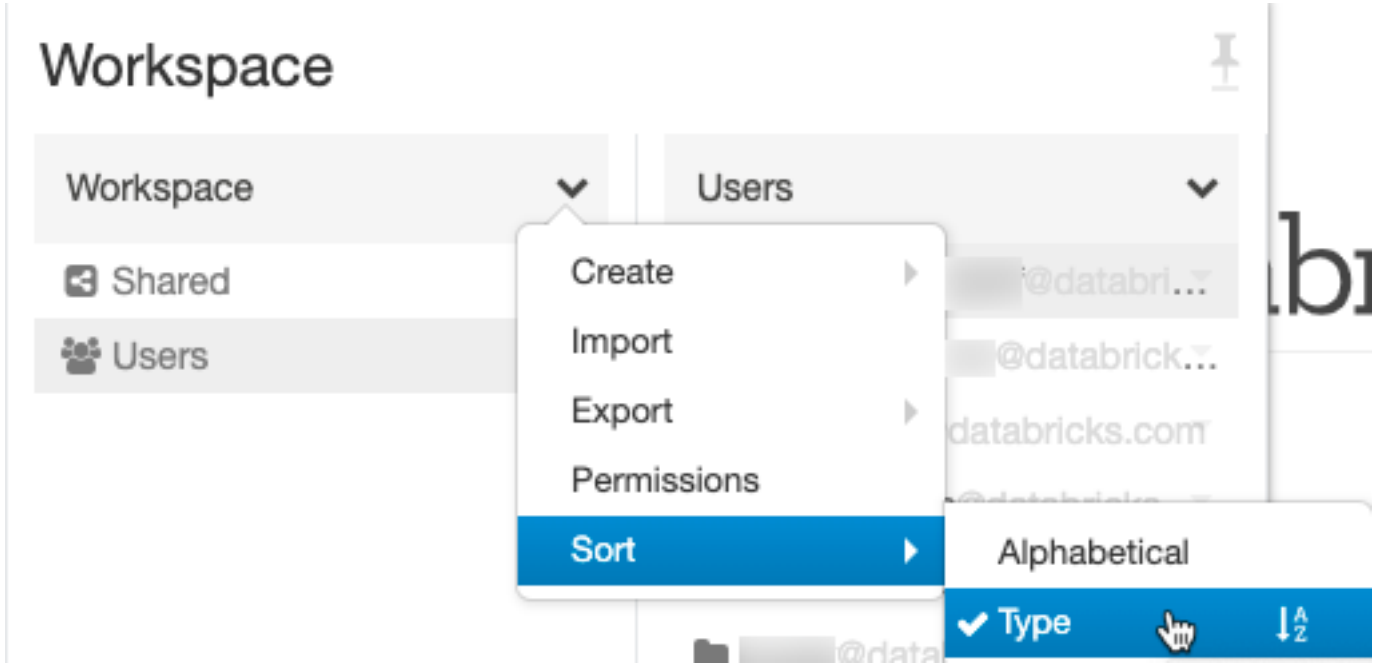

Connecting
Schedule
Share
Connecting
Go to last run cell
Raveendra Reddy t's Cluster
Runtime
DBR 10.4 LTS • Spark 3.2.1 • Scala 2.12
Driver
Standard_DS3_v2 • 14 GB • 4 Cores
Recent resources
Raveendra Reddy t's Cluster
DBR 10.4 LTS
More...
Detach
Detach & Re-attach
Terminate
Resource details
Driver logs
Spark UI

Create a new data profile

Data profiles display summary statistics of an Apache Spark DataFrame, a pandas DataFrame, or a SQL table in tabular and graphic format. To create a data profile from a results cell, click + and select NEW Data Profile

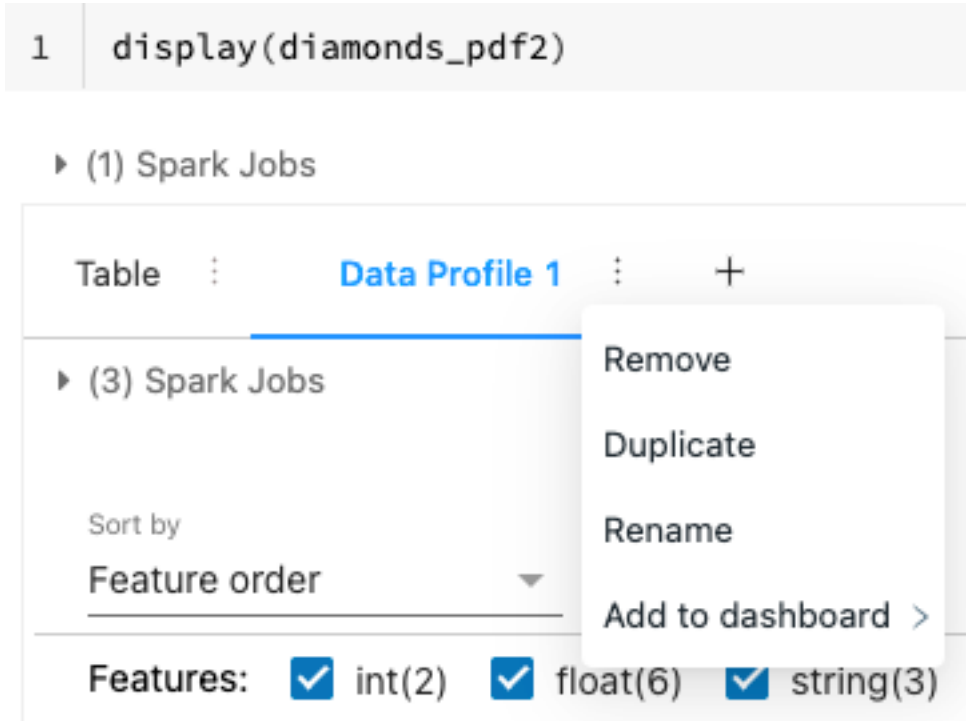


To sort all objects alphabetically or by type across all folders, click the to the right of the Workspace folder and select **Sort > [Alphabetical | Type]**:



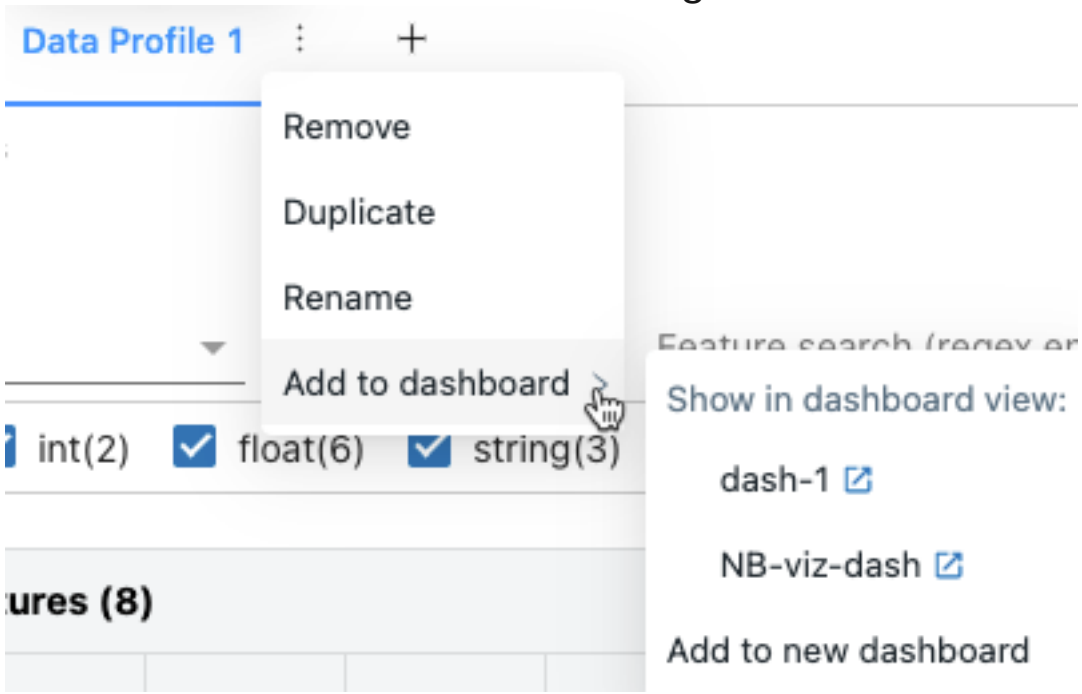
Rename, duplicate, or remove a visualization or data profile

To rename, duplicate, or remove a visualization or data profile, click the three vertical dots at the right of the tab name.



Add a visualization or data profile to a dashboard

1. Click the three vertical dots at the right of the tab name.



Create, run, and manage Databricks Jobs

A job is a way to run non-interactive code in a Databricks cluster. For example, you can run an extract, transform, and load (ETL) workload interactively or on a schedule. You can also run jobs interactively in the New Notebook UI