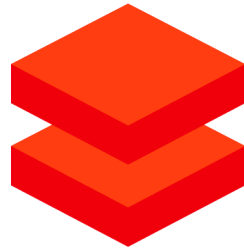
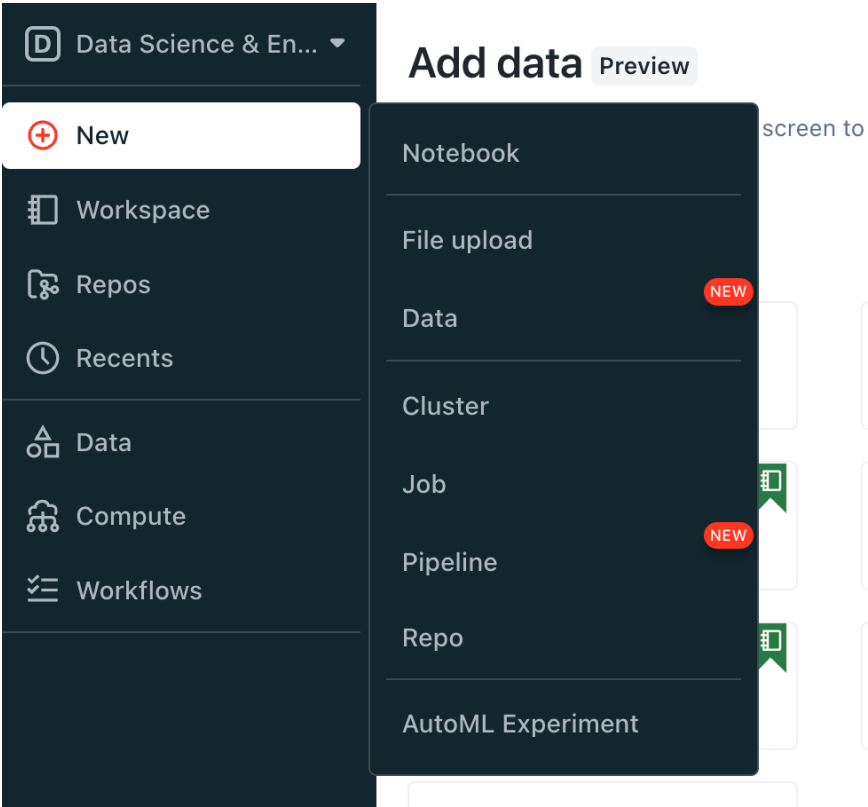


NEW UI Features in Databricks



databricks®

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



Different types sources which we can connect.

D

Data Science & En... ▾

+

New

Workspace

Repos

Recents

Data

Compute

Workflows

Add data



Preview



Drag and drop anywhere on the screen to upload a file


Data sources


↑



Upload data



 Cassandra 


 Elasticsearch 



 DBFS



 Azure Blob Stor...

 JDBC 

 Postgres 

 Azure Data Lak...

 Kafka 

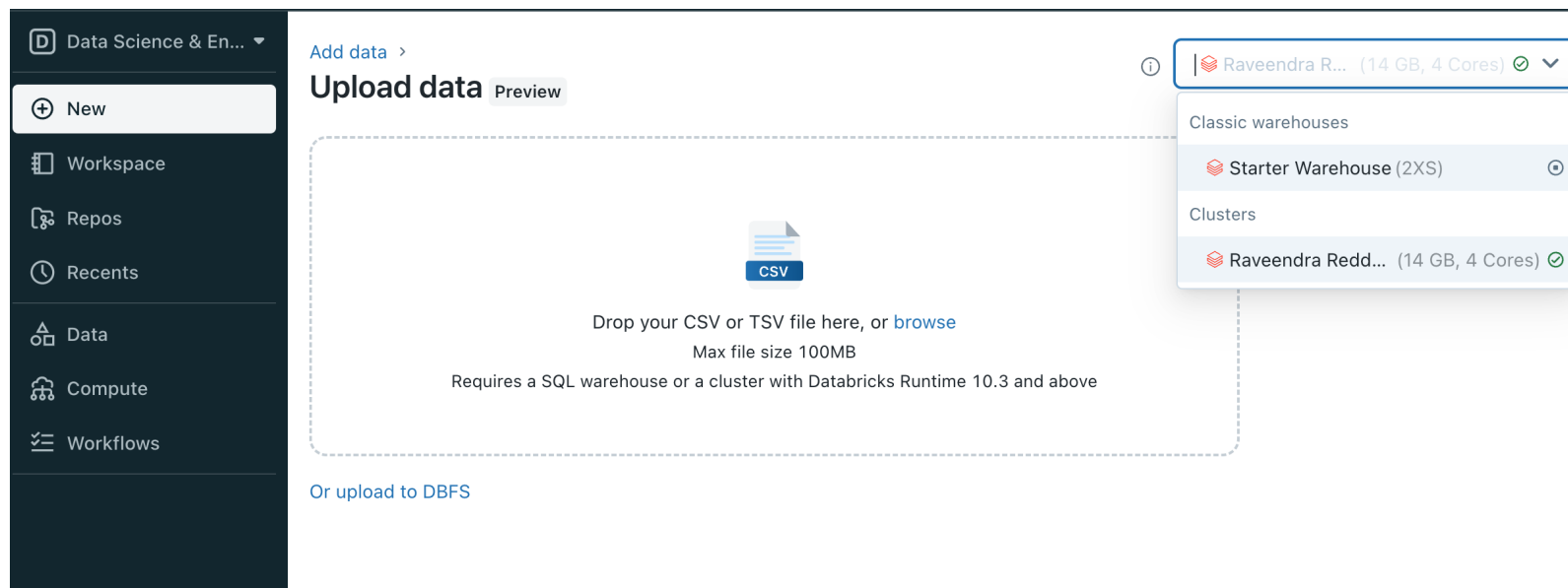
 MySQL 

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.

[Add data >](#)

Upload data

Preview

Raveendra R... (14 GB, 4 Cores)

emp.csv 1.95KB

X

hive_metastore

default

emp_new

First row contains the header

[Advanced attributes](#)

Previewing 33 rows. 9 columns

<div><div>A</div><div>B</div><div>C</div></div> EMPNO	<div><div>A</div><div>B</div><div>C</div></div> ENAME	<div><div>A</div><div>B</div><div>C</div></div> JOB	<div><div>A</div><div>B</div><div>C</div></div> MGR	<div><div>A</div><div>B</div><div>C</div></div> HIREDATE
7369	SMITH	CLERK	7902	17-12-1980
7499	ALLEN	SALESMAN	7698	20-02-1981
7521	WARD	SALESMAN	7698	22-02-1981
7566	JONES	MANAGER	7839	04-02-1981
7654	MARTIN	SALESMAN	7698	21-09-1981
7698	SGR	MANAGER	7839	05-01-1981
7782	RAVI	MANAGER	7839	06-09-1981
7788	SCOTT	ANALYST	7566	19-04-1987
7839	KING	PRESIDENT	null	01-11-1981
7844	TURNER	SALESMAN	7698	09-08-1981
7876	ADAMS	CLERK	7788	23-05-1987
7900	JAMES	CLERK	7698	12-03-1981

Cmd 1

```
1 %fs ls /
```

Table ▾ +

	path	NEW Visualization	name ▲	size ▲	modificationTime ▲	
1	dbfs:/FileStore/	NEW Data Profile	FileStore/	0	1665631447000	
2	dbfs:/batch28/	Legacy Visualization	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.

```
1 %sql
2 select * from emp
```

▶ (1) Spark Jobs

▶ `_sqldf`: `pyspark.sql.dataframe.DataFrame` = [EMPNO: string, ENAME: string ... 7 more fields]

Table ▾ +

	EMPNO	NEW Visualization	JOB	MGR	HIREDATE	SAL	COMM	DEPTNO	UPDATED_DATE
1	7369	NEW Data Profile	CLERK	7902	17-12-1980	800	null	20	2022-01-01
2	7499	Legacy Visualization	SALESMAN	7698	20-02-1981	1600	300	30	2022-01-01
3	7521		SALESMAN	7698	22-02-1981	1250	500	30	2022-01-01
4	7566	JONES	MANAGER	7839	04-02-1981	2975	null	20	2022-01-05
5	7654	MARTIN	SALESMAN	7698	21-09-1981	1250	1400	30	2022-01-03
6	7698	SGR	MANAGER	7839	05-01-1981	2850	null	30	2022-01-04

Showing all 33 rows. | 5.34 seconds runtime

i SQL cell result stored as PySpark data frame `_sqldf`. [Learn more](#)

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

Driver

DBR 10.4 LTS • Spark 3.2.1 • Scala 2.12

Standard_DS3_v2 • 14 GB • 4 Cores

Recent resources

● Raveendra Reddy t's Cluster

DBR 10.4 LTS

More...

Detach

Detach & Re-attach

Terminate

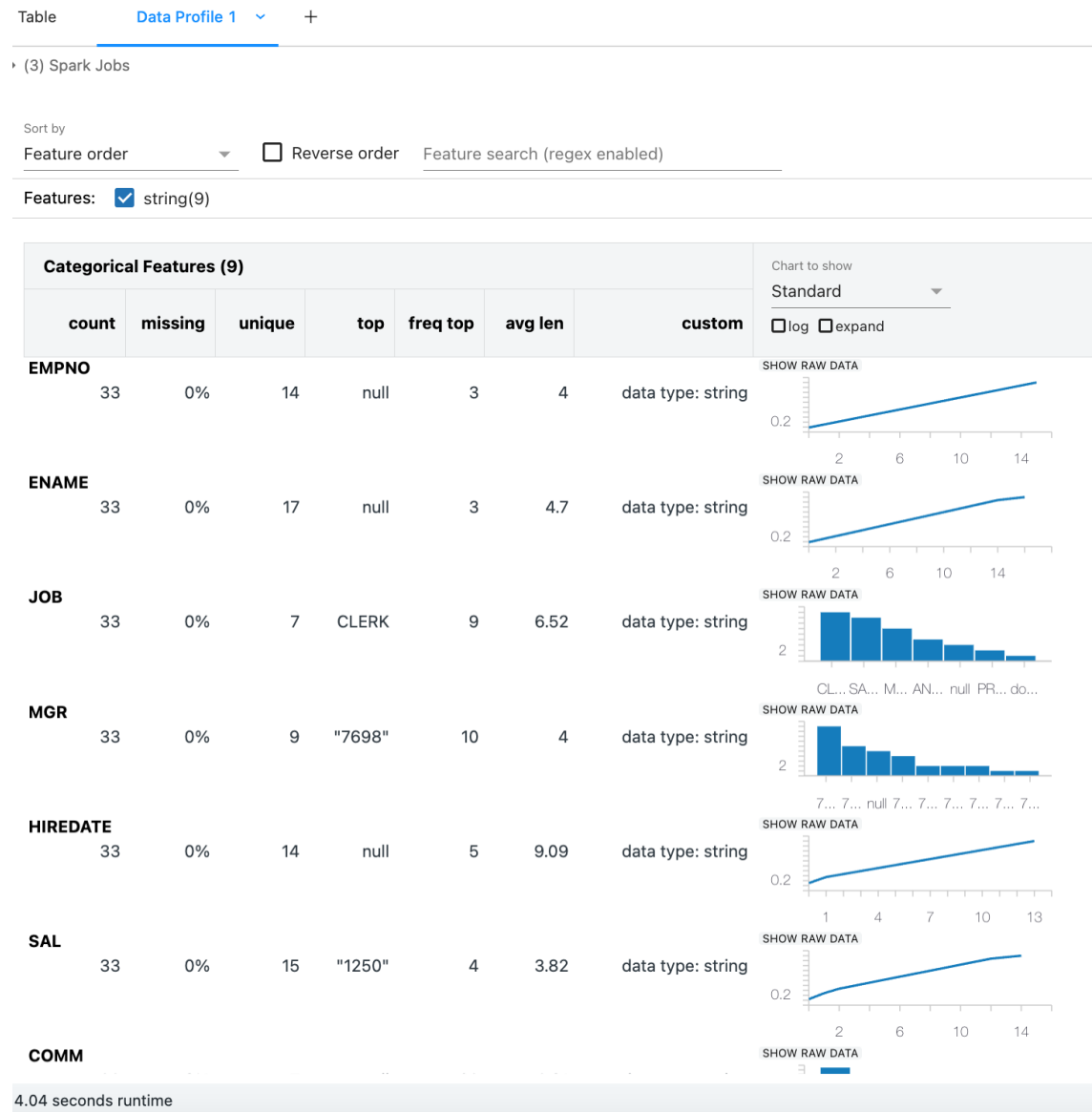
Resource details

Driver logs

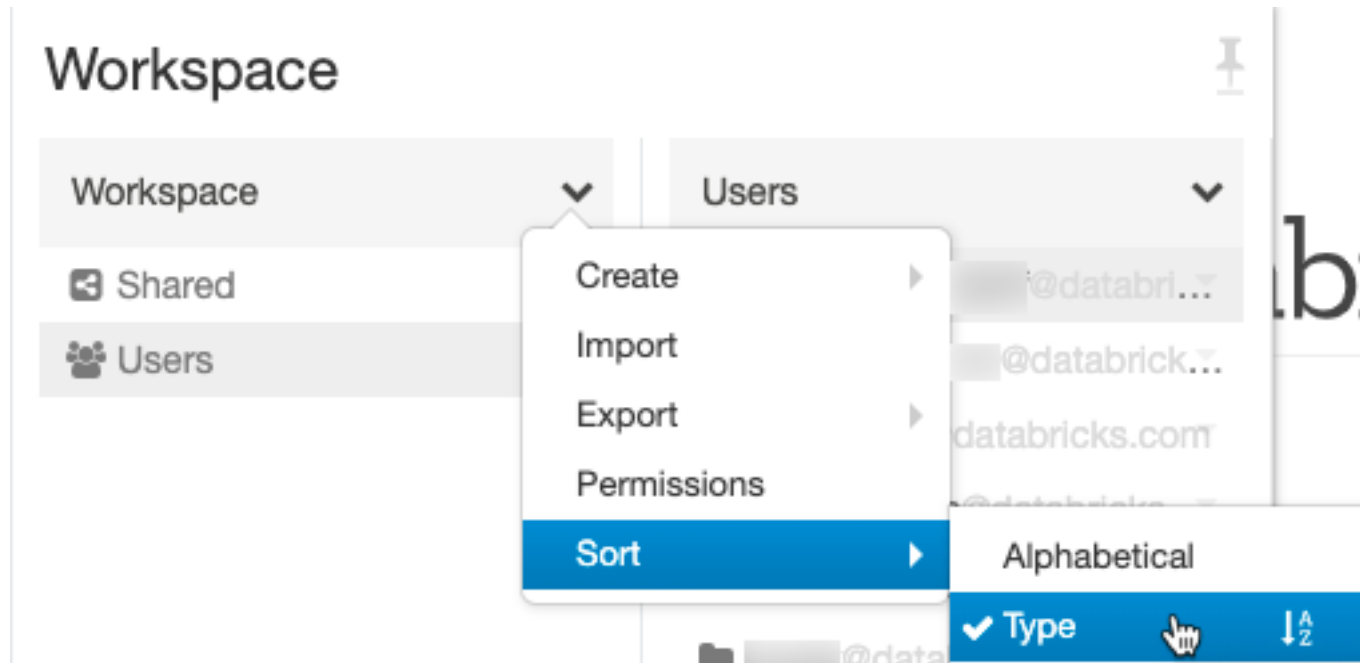
Spark UI

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**

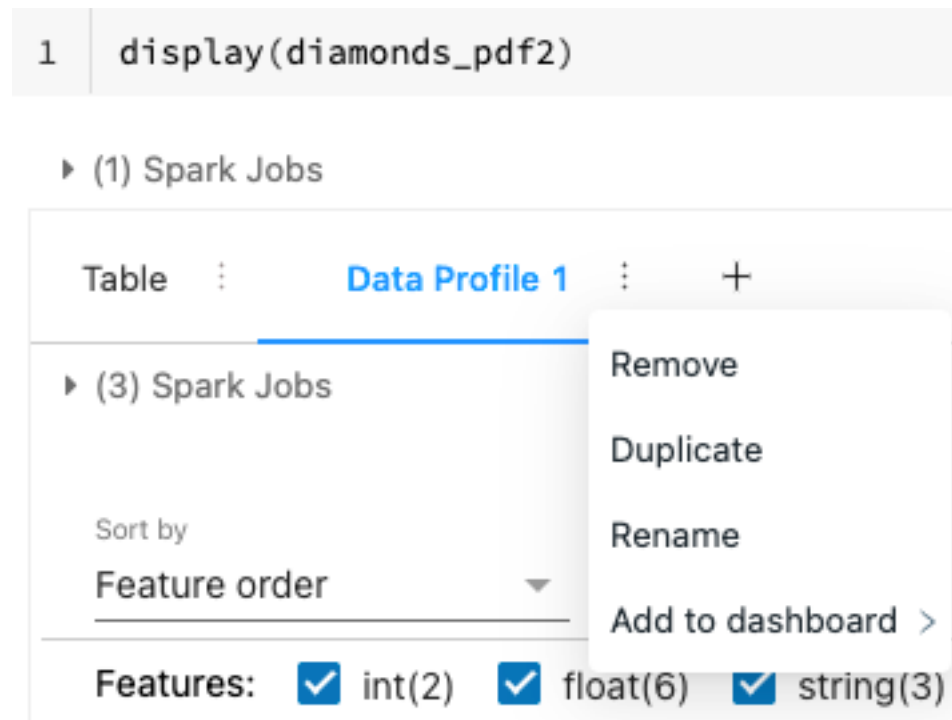


To sort all objects alphabetically or by type across all folders, click the  to the right of the Workspace folder and select **Sort > [Alphabetical | Type]**:



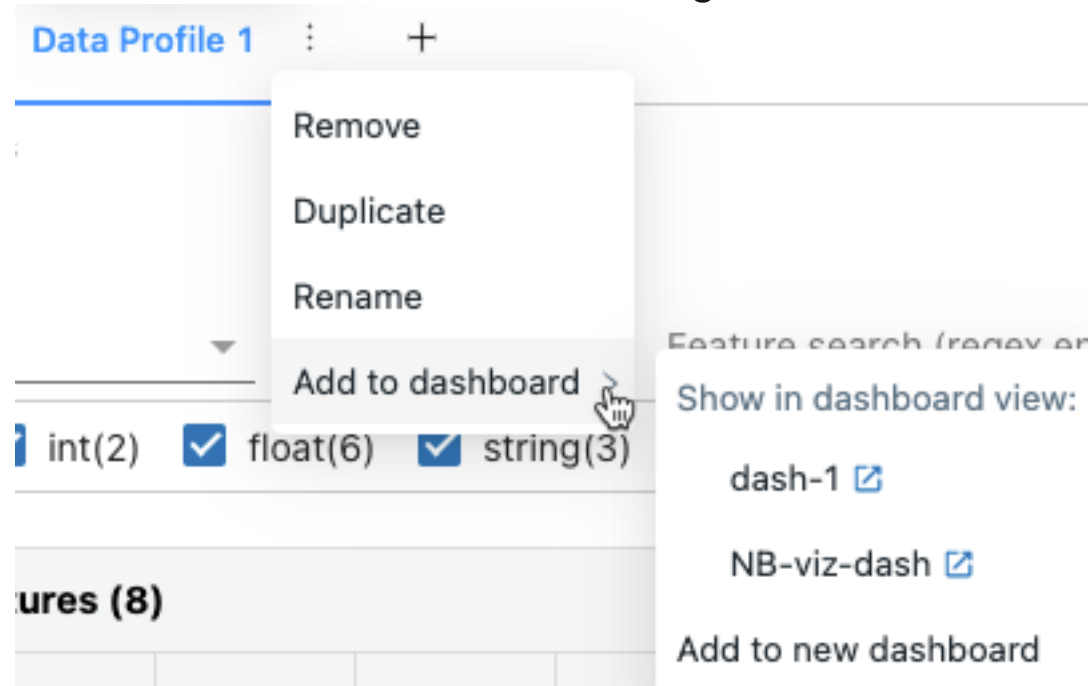
Rename, duplicate, or remove a visualization or data profile

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

