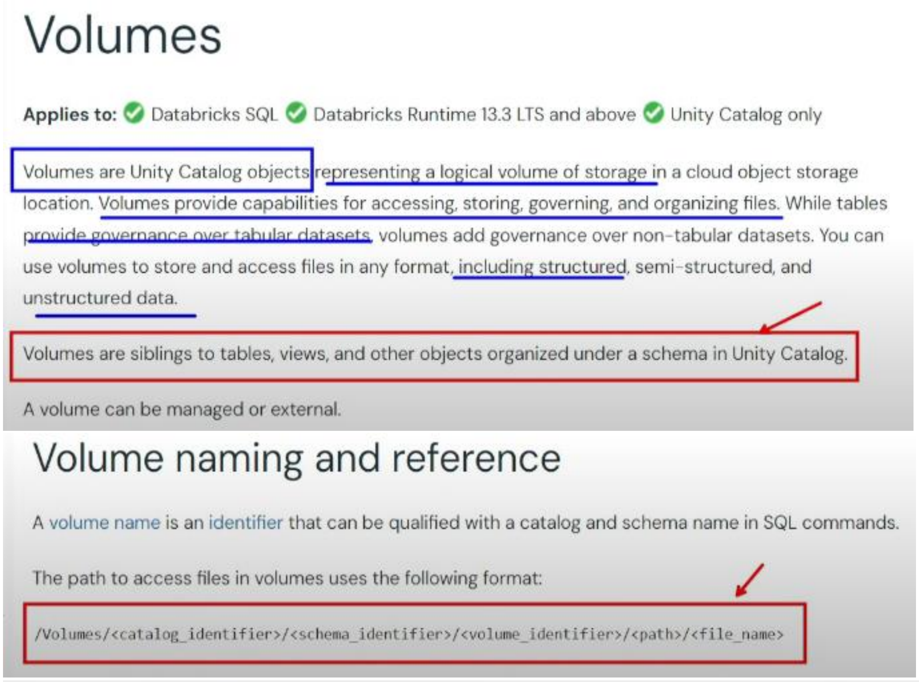
Scenario -1 (Volumes)



Volumes

Applies to: ✓ Databricks SQL ✓ Databricks Runtime 13.3 LTS and above ✓ Unity Catalog only

Volumes are Unity Catalog objects representing a logical volume of storage in a cloud object storage location. Volumes provide capabilities for accessing, storing, governing, and organizing files. While tables provide governance over tabular datasets, volumes add governance over non-tabular datasets. You can use volumes to store and access files in any format, including structured, semi-structured, and unstructured data.

Volumes are siblings to tables, views, and other objects organized under a schema in Unity Catalog.

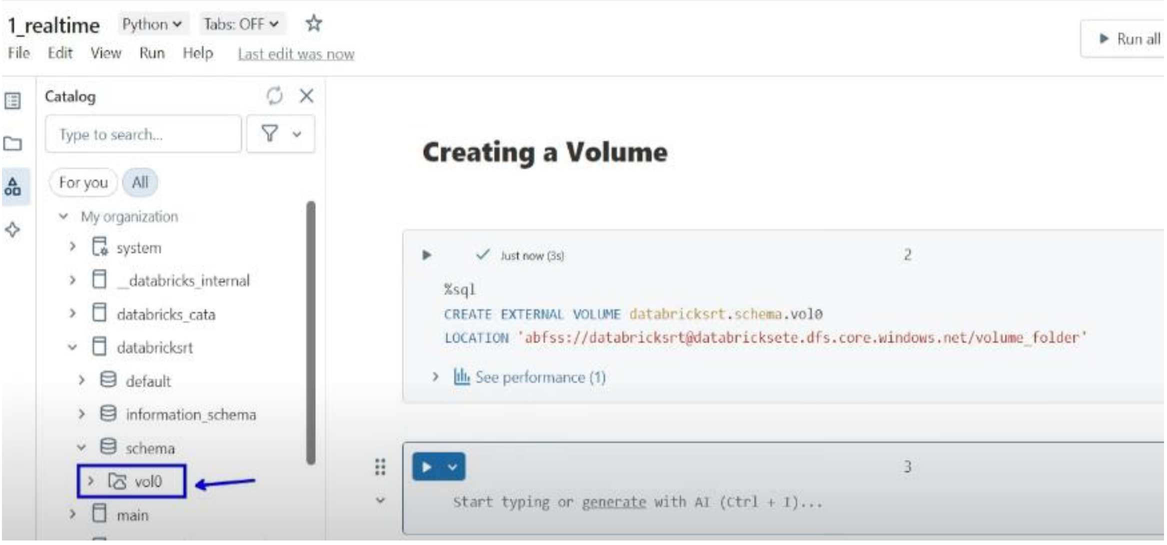
A volume can be managed or external.

Volume naming and reference

A volume name is an identifier that can be qualified with a catalog and schema name in SQL commands.

The path to access files in volumes uses the following format:

```
/Volumes/<catalog_identifier>/<schema_identifier>/<volume_identifier>/<path>/<file_name>
```



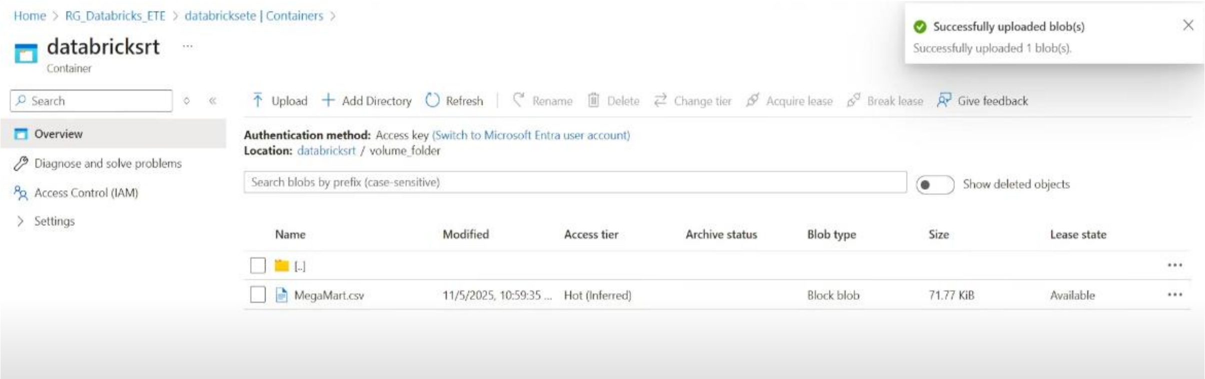
1_realtime
Python
Tabs: OFF
File
Edit
View
Run
Help
Last edit was now
Run all
Catalog
Type to search...
For you
All
My organization
system
_databricks_internal
databricks_cata
databricksrt
default
information_schema
schema
vol0
main
Just now (3s)
2
See performance (1)
3

Creating a Volume

```
%sql
CREATE EXTERNAL VOLUME databricksrt.schema.vol0
LOCATION 'abfss://databricksrt@databricksete.dfs.core.windows.net/volume_folder'
```

```
Start typing or generate with AI (Ctrl + I)...
```

Upload the file in ADLS Gen2



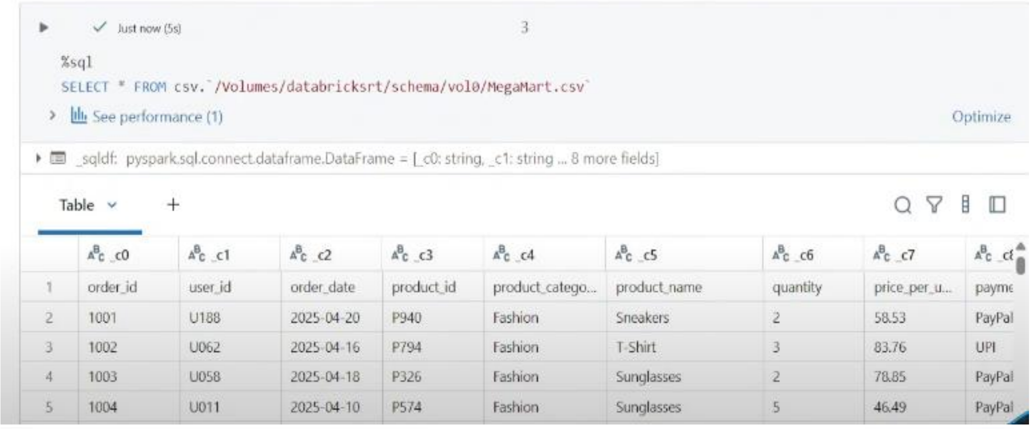
Home > RG_Databricks_ETE > databricksete | Containers >
databricksrt
Container
Search
Overview
Diagnose and solve problems
Access Control (IAM)
Settings
Upload
Add Directory
Refresh
Rename
Delete
Change tier
Acquire lease
Break lease
Give feedback
Search blobs by prefix (case-sensitive)
Show deleted objects

Successfully uploaded blob(s)

Successfully uploaded 1 blob(s).

Authentication method: Access key (Switch to Microsoft Entra user account)
Location: databricksrt / volume_folder

	Name	Modified	Access tier	Archive status	Blob type	Size	Lease state
☐	[..]						
☐	MegaMart.csv	11/5/2025, 10:59:35 ...	Hot (Inferred)		Block blob	71.77 KiB	Available



Just now (5s)
3

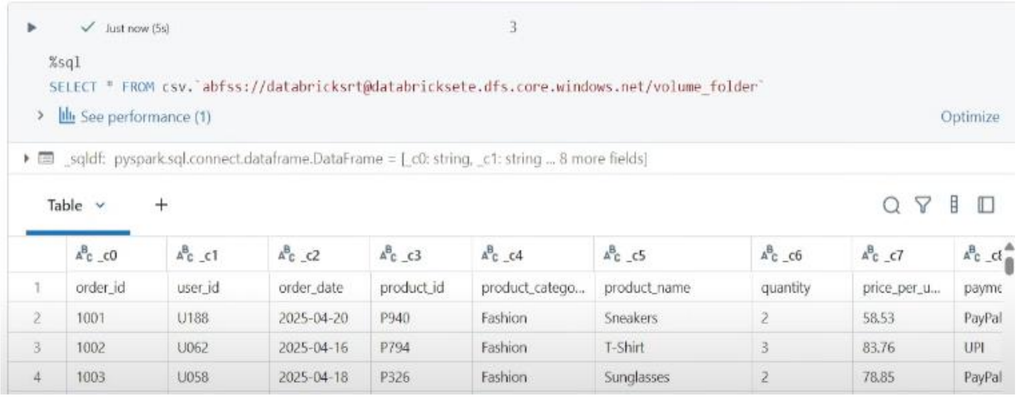
```
%sql
SELECT * FROM csv.`/Volumes/databricksrt/schema/vol0/MegaMart.csv`
```

See performance (1)
Optimize

```
_sqldf: pyspark.sql.connect.dataframe.DataFrame = [_c0: string, _c1: string ... 8 more fields]
```

Table

	_c0	_c1	_c2	_c3	_c4	_c5	_c6	_c7	_c
1	order_id	user_id	order_date	product_id	product_catego...	product_name	quantity	price_per_u...	payme
2	1001	U188	2025-04-20	P940	Fashion	Sneakers	2	58.53	PayPal
3	1002	U062	2025-04-16	P794	Fashion	T-Shirt	3	83.76	UPI
4	1003	U058	2025-04-18	P326	Fashion	Sunglasses	2	78.85	PayPal
5	1004	U011	2025-04-10	P574	Fashion	Sunglasses	5	46.49	PayPal



Just now (5s)
3

```
%sql
SELECT * FROM csv.`abfss://databricksrt@databricksete.dfs.core.windows.net/volume_folder`
```

See performance (1)
Optimize

```
_sqldf: pyspark.sql.connect.dataframe.DataFrame = [_c0: string, _c1: string ... 8 more fields]
```

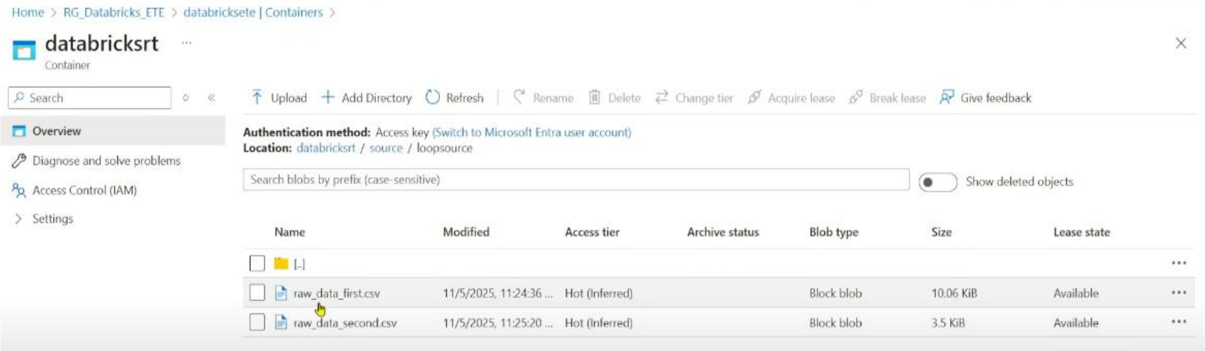
Table

	_c0	_c1	_c2	_c3	_c4	_c5	_c6	_c7	_c
1	order_id	user_id	order_date	product_id	product_catego...	product_name	quantity	price_per_u...	payme
2	1001	U188	2025-04-20	P940	Fashion	Sneakers	2	58.53	PayPal
3	1002	U062	2025-04-16	P794	Fashion	T-Shirt	3	83.76	UPI
4	1003	U058	2025-04-18	P326	Fashion	Sunglasses	2	78.85	PayPal

Both are same, but why do we need Volume → Volumes are governed, can be tracked using UC

Scenario-2

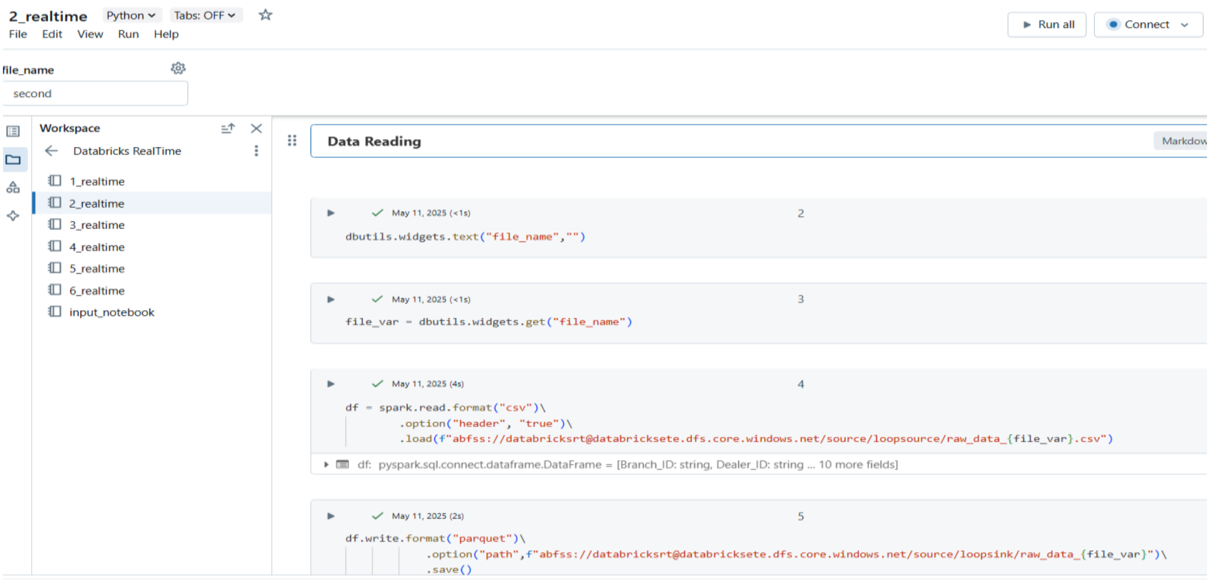
Looping through files in folder



Home > RG_Databricks_ETE > databricksete | Containers >
databricksrt
Container
Search
Overview
Diagnose and solve problems
Access Control (IAM)
Settings
Upload
Add Directory
Refresh
Rename
Delete
Change tier
Acquire lease
Break lease
Give feedback
Search blobs by prefix (case-sensitive)
Show deleted objects

Authentication method: Access key (Switch to Microsoft Entra user account)
Location: databricksrt / source / loopsource

Name	Modified	Access tier	Archive status	Blob type	Size	Lease state
☐ [..]						
☐ raw_data_first.csv	11/5/2025, 11:24:36 ...	Hot (Inferred)		Block blob	10.06 KiB	Available
☐ raw_data_second.csv	11/5/2025, 11:25:20 ...	Hot (Inferred)		Block blob	3.5 KiB	Available


2_realtime
Python
Tabs: OFF
File
Edit
View
Run
Help
Run all
Connect
Workspace
Databricks RealTime
1_realtime
2_realtime
3_realtime
4_realtime
5_realtime
6_realtime
input_notebook
Markdow

file_name: second

Data Reading

May 11, 2025 (<1s) 2

```
dbutils.widgets.text("file_name","")
```

May 11, 2025 (<1s) 3

```
file_var = dbutils.widgets.get("file_name")
```

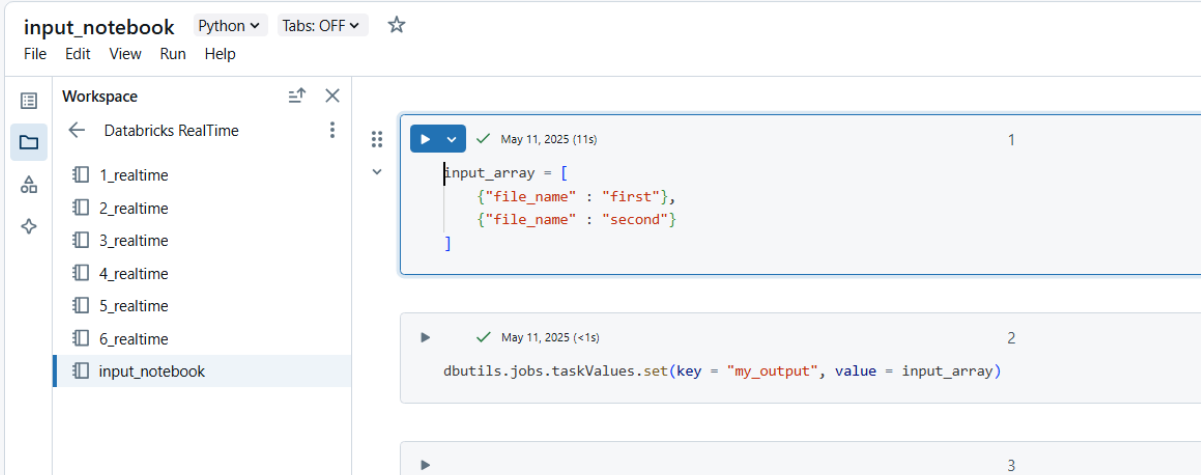
May 11, 2025 (4s) 4

```
df = spark.read.format("csv")\
        .option("header", "true")\
        .load(f"abfss://databricksrt@databricksete.dfs.core.windows.net/source/loopsource/raw_data_{file_var}.csv")
```

```
df: pyspark.sql.connect.dataframe.DataFrame = [Branch_ID: string, Dealer_ID: string ... 10 more fields]
```

May 11, 2025 (2s) 5

```
df.write.format("parquet")\
            .option("path",f"abfss://databricksrt@databricksete.dfs.core.windows.net/source/loopsink/raw_data_{file_var}")\
            .save()
```


input_notebook
Python
Tabs: OFF
File
Edit
View
Run
Help
Workspace
Databricks RealTime
1_realtime
2_realtime
3_realtime
4_realtime
5_realtime
6_realtime
input_notebook
3

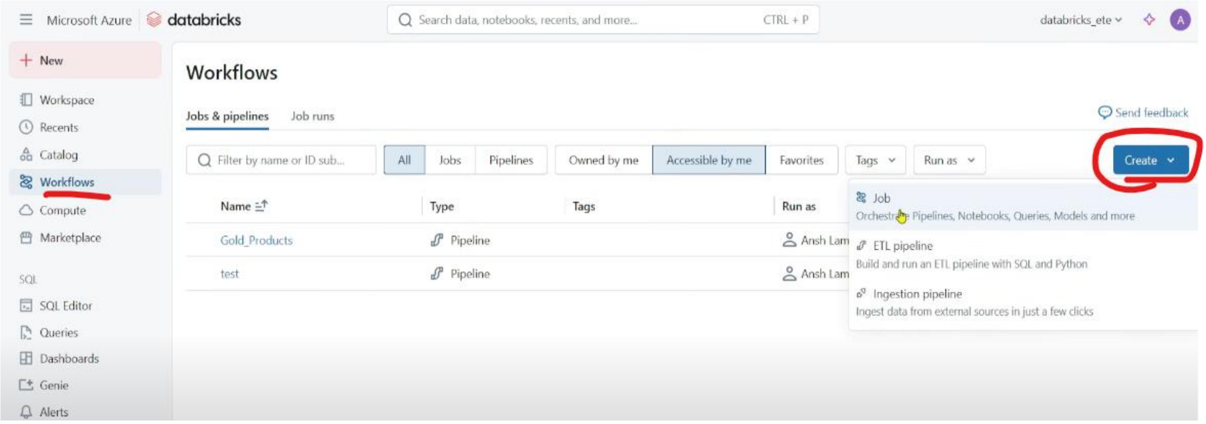
May 11, 2025 (11s) 1

```
input_array = [
    {"file_name" : "first"},
    {"file_name" : "second"}
]
```

May 11, 2025 (<1s) 2

```
dbutils.jobs.taskValues.set(key = "my_output", value = input_array)
```

Create a job in Workflows


Microsoft Azure
databricks
Search data, notebooks, recents, and more...
CTRL + P
databricks_ete
A
New
Workspace
Recents
Catalog
Workflows
Compute
Marketplace
SQL
SQL Editor
Queries
Dashboards
Genie
Alerts
Workflows
Jobs & pipelines
Job runs
Send feedback
Filter by name or ID sub...
All
Jobs
Pipelines
Owned by me
Accessible by me
Favorites
Tags
Run as
Create

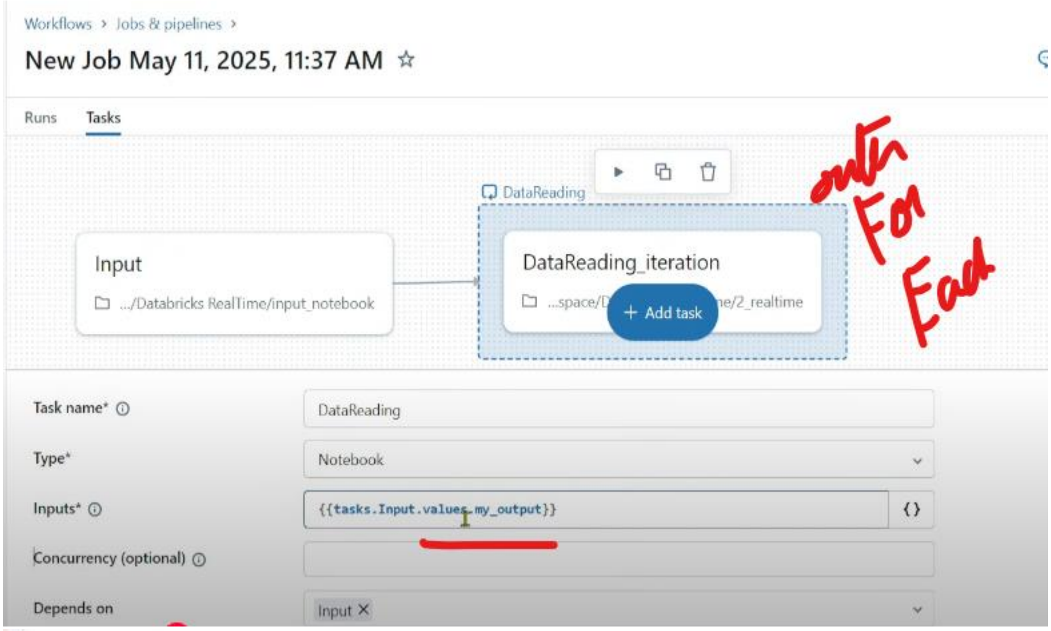
Name	Type	Tags	Run as
Gold_Products	Pipeline		Ansh Lam
test	Pipeline		Ansh Lam

Job
Orchestrate Pipelines, Notebooks, Queries, Models and more

ETL pipeline
Build and run an ETL pipeline with SQL and Python

Ingestion pipeline
Ingest data from external sources in just a few clicks

Job : Normal Workflows
ETL pipeline : DLT
Ingestion pipeline : No code ingestion pipeline


Workflows › Jobs & pipelines ›
Runs
Tasks
DataReading
Input
.../Databricks RealTime/input_notebook
DataReading_iteration
...space/D
e/2_realtime
+ Add task
outer
For
Each

New Job May 11, 2025, 11:37 AM ☆

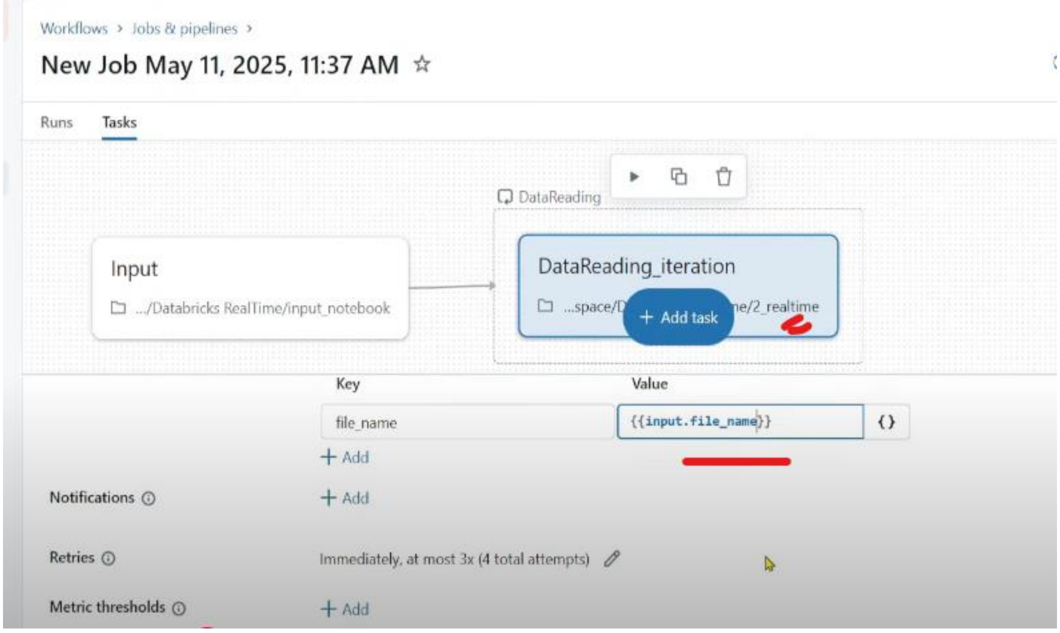
Task name* DataReading

Type* Notebook

Inputs* `{{tasks.Input.values.my_output}}`

Concurrency (optional)

Depends on Input ✕


Workflows › Jobs & pipelines ›
Runs
Tasks
DataReading
Input
.../Databricks RealTime/input_notebook
DataReading_iteration
...space/D
e/2_realtime
+ Add task

New Job May 11, 2025, 11:37 AM ☆

Key	Value
file_name	`{{input.file_name}}`

+ Add

Notifications + Add

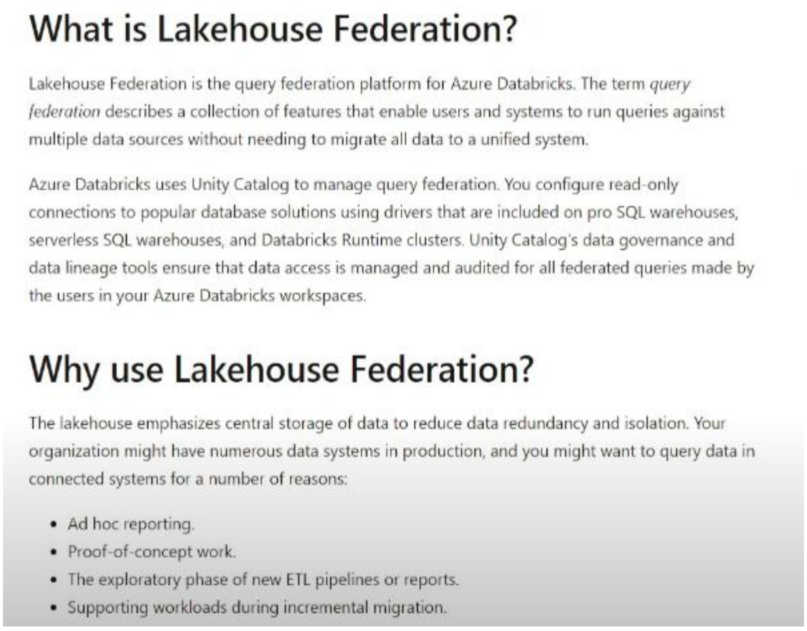
Retries Immediately, at most 3x (4 total attempts)

Metric thresholds + Add

Scenario – 3

Bring on prem data to our organisation without moving the data, query data sitting outside of Databricks/managed layer/cloud without moving the data

Concept called Lakehouse Federation



What is Lakehouse Federation?

Lakehouse Federation is the query federation platform for Azure Databricks. The term *query federation* describes a collection of features that enable users and systems to run queries against multiple data sources without needing to migrate all data to a unified system.

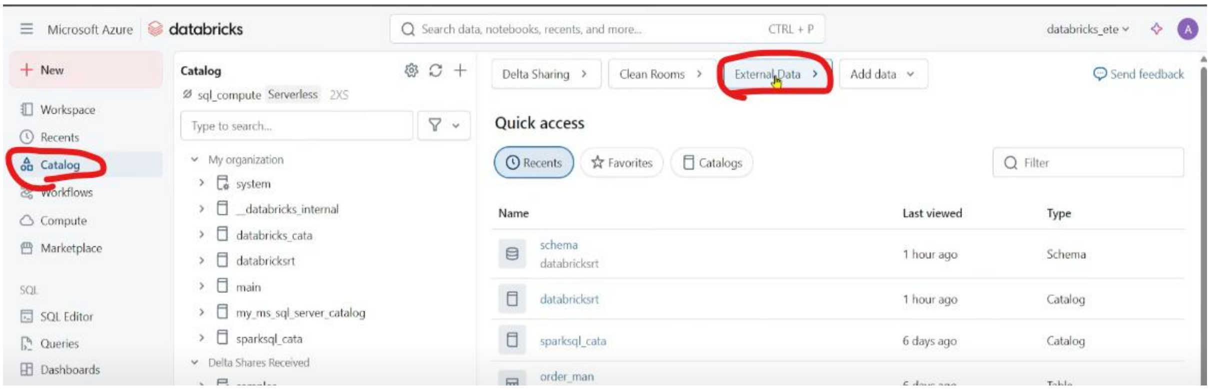
Azure Databricks uses Unity Catalog to manage query federation. You configure read-only connections to popular database solutions using drivers that are included on pro SQL warehouses, serverless SQL warehouses, and Databricks Runtime clusters. Unity Catalog's data governance and data lineage tools ensure that data access is managed and audited for all federated queries made by the users in your Azure Databricks workspaces.

Why use Lakehouse Federation?

The lakehouse emphasizes central storage of data to reduce data redundancy and isolation. Your organization might have numerous data systems in production, and you might want to query data in connected systems for a number of reasons:

- Ad hoc reporting.
- Proof-of-concept work.
- The exploratory phase of new ETL pipelines or reports.
- Supporting workloads during incremental migration.

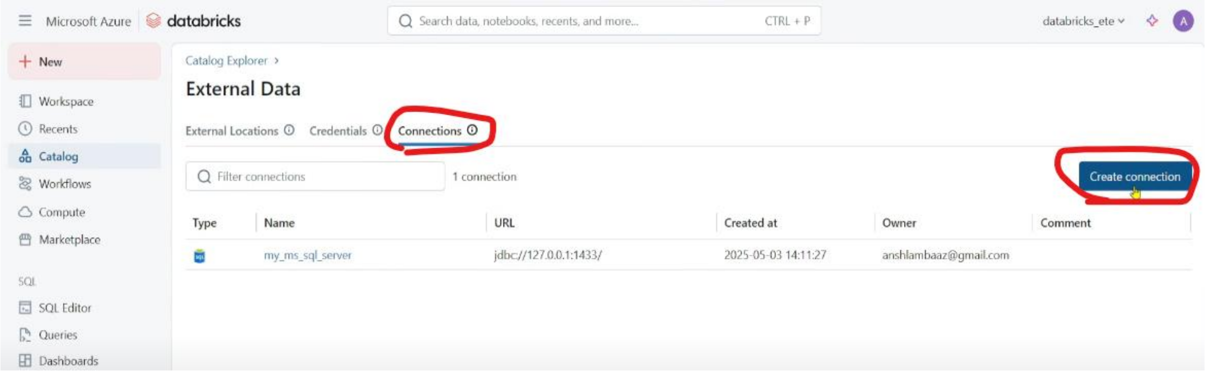
Catalog → External Data



Microsoft Azure
databricks
Search data, notebooks, recents, and more...
CTRL + P
databricks_ete
New
Workspace
Recents
Catalog
Workflows
Compute
Marketplace
SQL
SQL Editor
Queries
Dashboards
Catalog
sql_compute Serverless 2XS
Type to search...
My organization
system
__databricks_internal
databricks_cata
databricksrt
main
my_ms_sql_server_catalog
sparksql_cata
Delta Shares Received
Delta Sharing
Clean Rooms
External Data
Add data
Send feedback
Quick access
Recents
Favorites
Catalogs
Filter

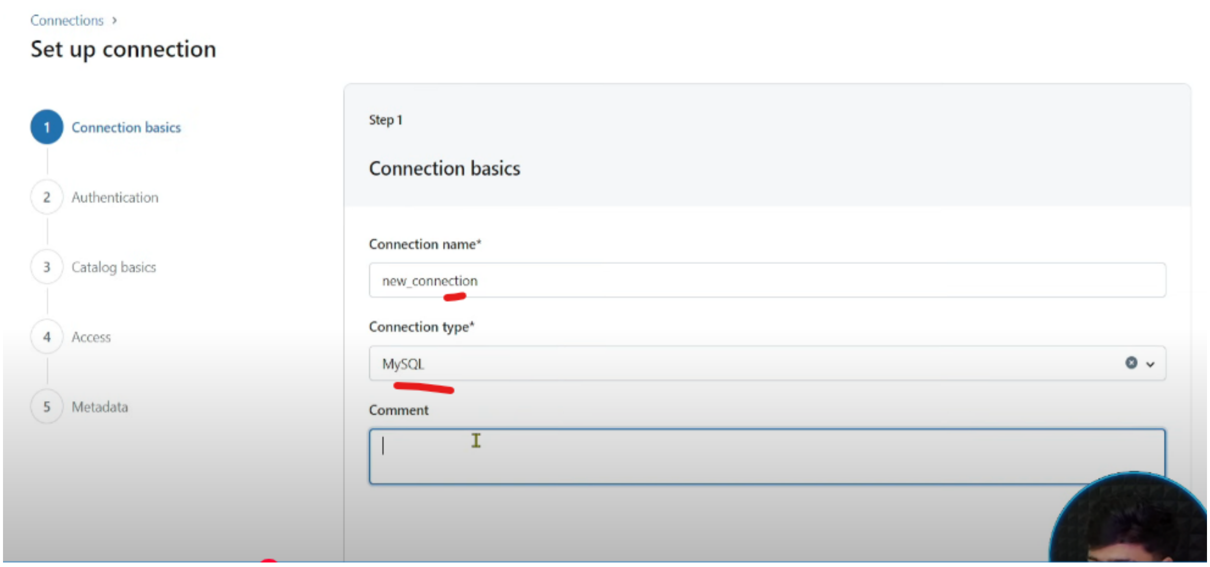
Name	Last viewed	Type
schema databricksrt	1 hour ago	Schema
databricksrt	1 hour ago	Catalog
sparksql_cata	6 days ago	Catalog
order_man		

Connections → Create Connection



Microsoft Azure
databricks
Search data, notebooks, recents, and more...
CTRL + P
databricks_ete
New
Workspace
Recents
Catalog
Workflows
Compute
Marketplace
SQL
SQL Editor
Queries
Dashboards
Catalog Explorer ›
External Data
External Locations
Credentials
Connections
Filter connections
1 connection
Create connection

Type	Name	URL	Created at	Owner	Comment
	my_ms_sql_server	jdbc://127.0.0.1:1433/	2025-05-03 14:11:27	anshlambaaz@gmail.com	


Connections ›
1 Connection basics
2 Authentication
3 Catalog basics
4 Access
5 Metadata

Set up connection

Step 1

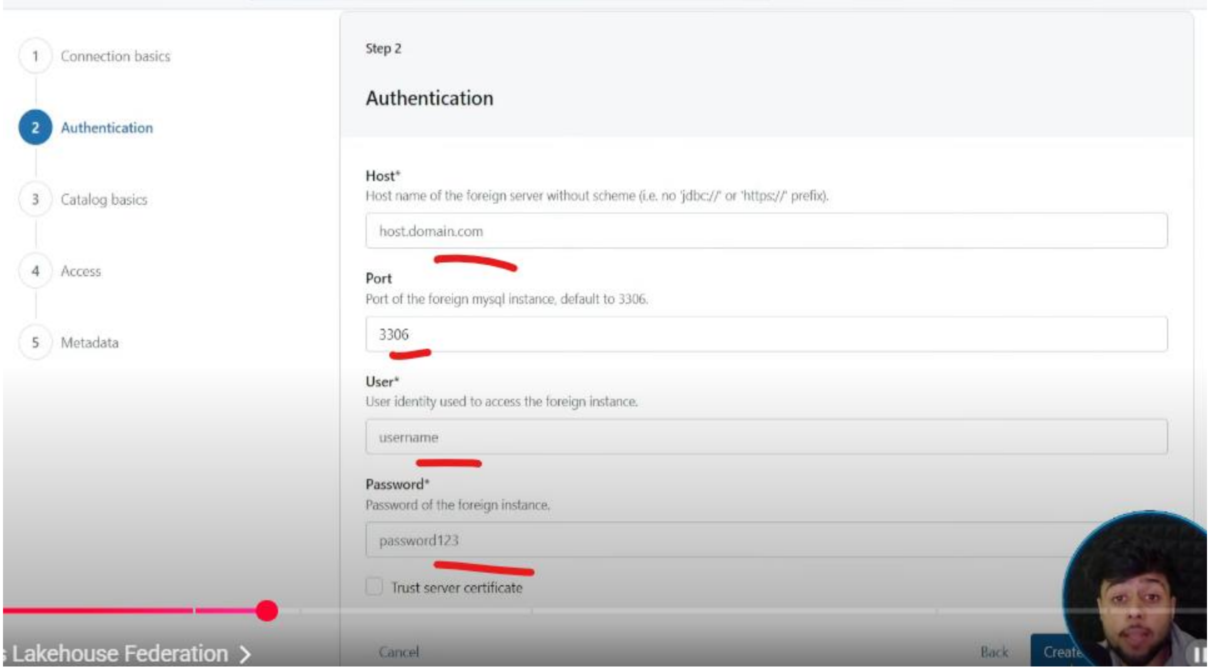
Connection basics

Connection name*: new_connection

Connection type*: MySQL

Comment:

There are crazy amount of sources in Connection Type


1 Connection basics
2 Authentication
3 Catalog basics
4 Access
5 Metadata
Lakehouse Federation ›
Cancel
Back
Create

Step 2

Authentication

Host*
Host name of the foreign server without scheme (i.e. no 'jdbc://' or 'https://' prefix).
host.domain.com

Port
Port of the foreign mysql instance, default to 3306.
3306

User*
User identity used to access the foreign instance.
username

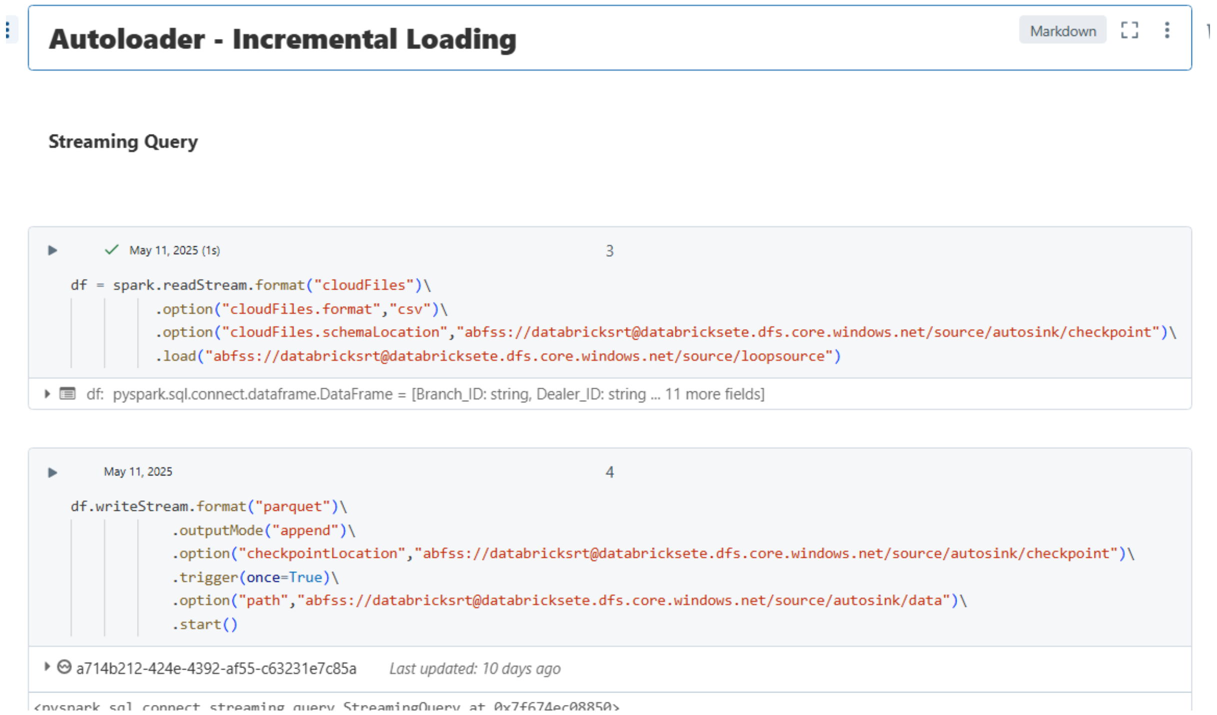
Password*
Password of the foreign instance.
password123

☐ Trust server certificate

Provide all these details → Create a new catalog→ access → metadata

Post that you can query the data sitting in onprem from DB workspace

Scenario – 4 (AutoLoader)



Autoloader - Incremental Loading

Markdown

Streaming Query

May 11, 2025 (1s)
3

```
df = spark.readStream.format("cloudFiles")\
        .option("cloudFiles.format","csv")\
        .option("cloudFiles.schemaLocation","abfss://databricksrt@databricksete.dfs.core.windows.net/source/autosink/checkpoint")\
        .load("abfss://databricksrt@databricksete.dfs.core.windows.net/source/loopsource")
```

```
df: pyspark.sql.connect.dataframe.DataFrame = [Branch_ID: string, Dealer_ID: string ... 11 more fields]
```

May 11, 2025
4

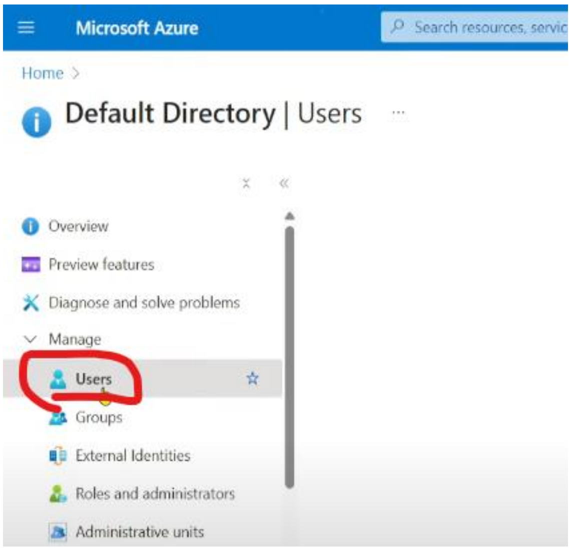
```
df.writeStream.format("parquet")\
          .outputMode("append")\
          .option("checkpointLocation","abfss://databricksrt@databricksete.dfs.core.windows.net/source/autosink/checkpoint")\
          .trigger(once=True)\
          .option("path","abfss://databricksrt@databricksete.dfs.core.windows.net/source/autosink/data")\
          .start()
```

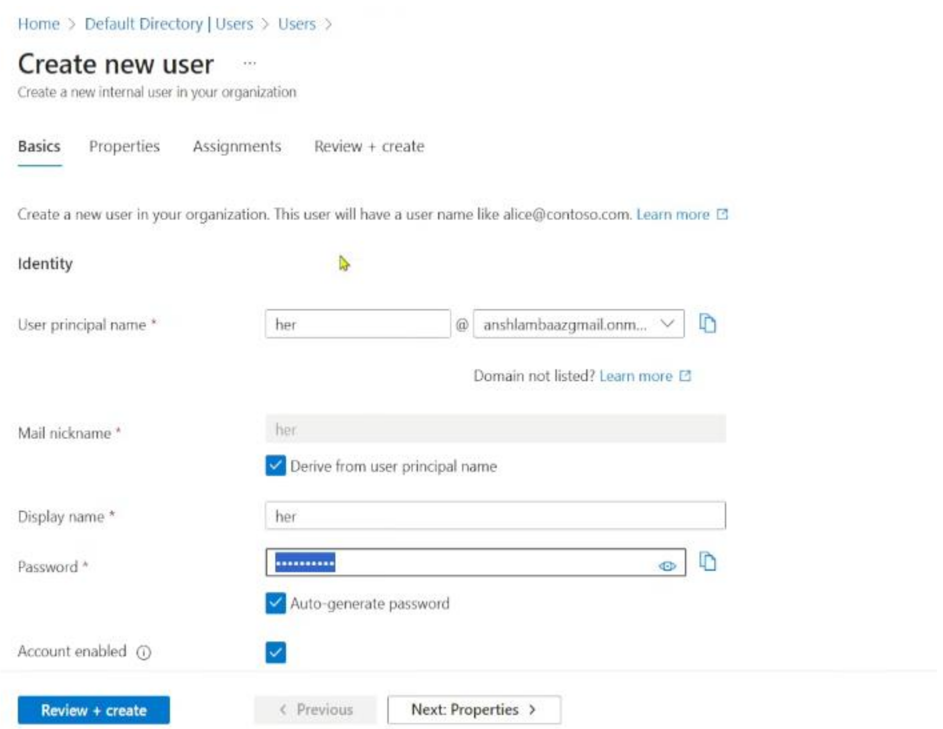
```
a714b212-424e-4392-af55-c63231e7c85a    Last updated: 10 days ago
<pyspark.sql.connect.streaming.query.StreamingQuery at 0x7f674ec08850>
```

Scenario – 5 (UC access control)

Granting access to new user

Step1 : Add user in the Entra ID (Go to Entra ID→ Manage → Users)


Microsoft Azure
Search resources, servic
Home >
Default Directory | Users
Overview
Preview features
Diagnose and solve problems
Manage
Users
Groups
External Identities
Roles and administrators
Administrative units


Home > Default Directory | Users > Users >
Basics
Properties
Assignments
Review + create
Review + create
< Previous
Next: Properties >

Create new user

Create a new internal user in your organization

Create a new user in your organization. This user will have a user name like alice@contoso.com. Learn more

Identity

User principal name * her @ anshlambaazgmail.onm...

Domain not listed? Learn more

Mail nickname * her

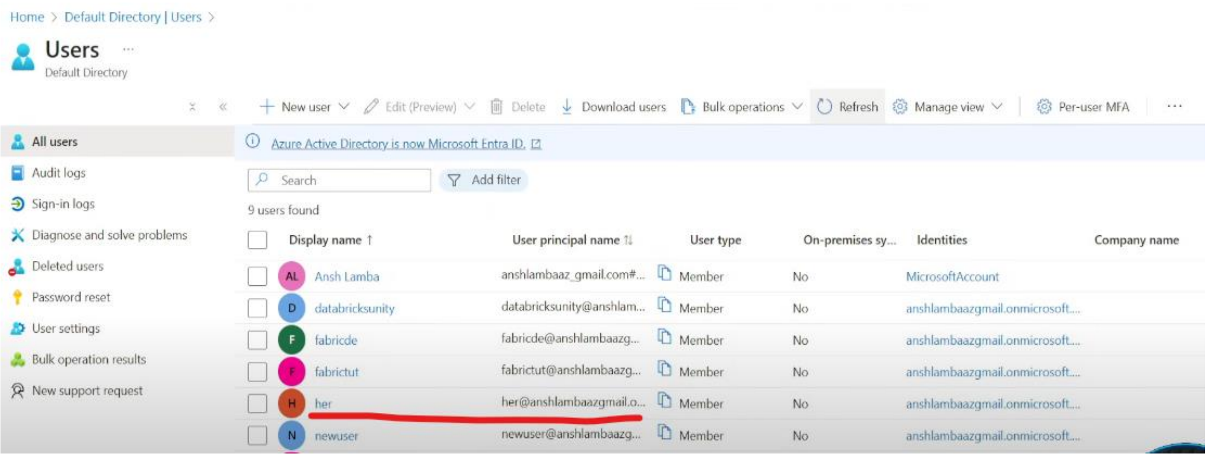
☑ Derive from user principal name

Display name * her

Password * ••••••••••••

☑ Auto-generate password

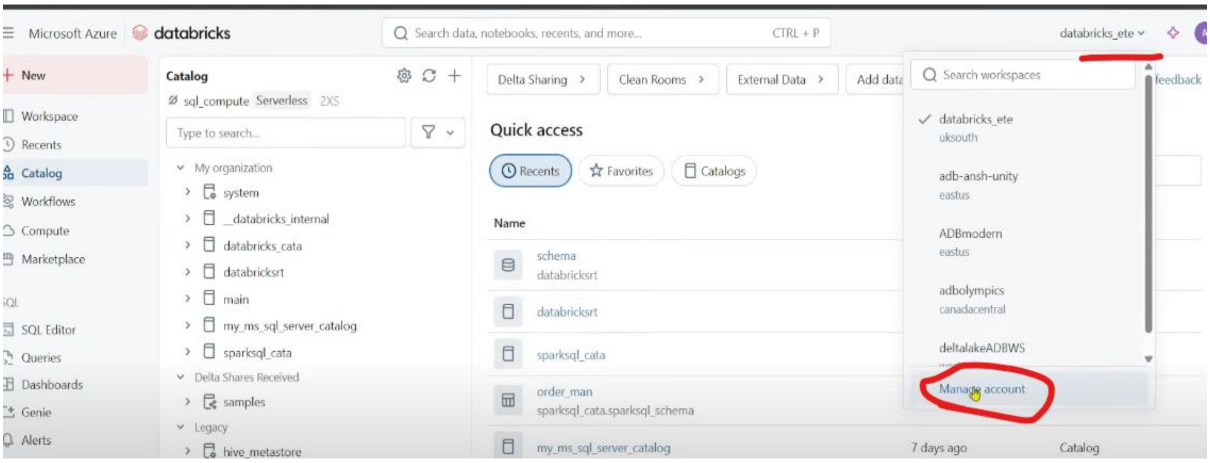
Account enabled ☑

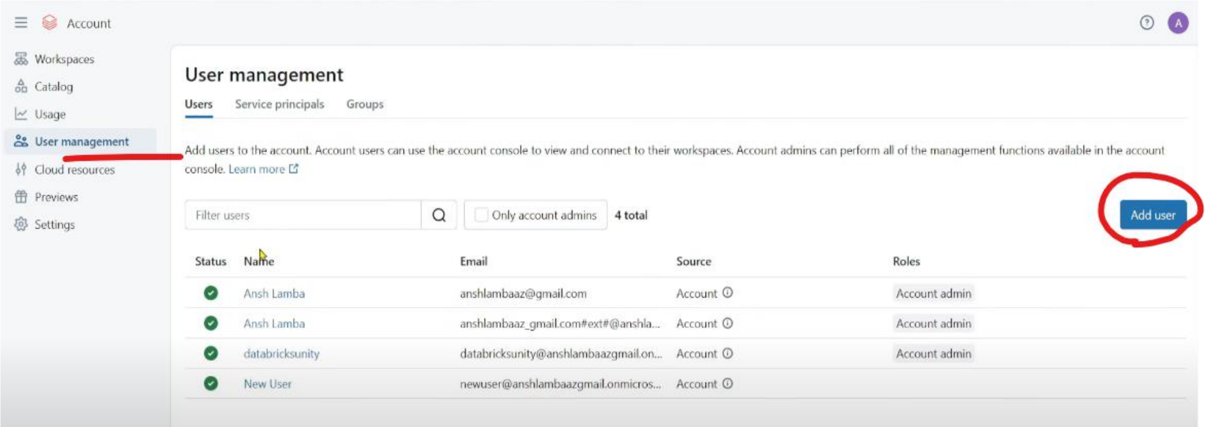

Home > Default Directory | Users >
Users
Default Directory
All users
Audit logs
Sign-in logs
Diagnose and solve problems
Deleted users
Password reset
User settings
Bulk operation results
New support request
+ New user
Edit (Preview)
Delete
Download users
Bulk operations
Refresh
Manage view
Per-user MFA
Azure Active Directory is now Microsoft Entra ID.
Search
Add filter

9 users found

☐	Display name ↑	User principal name ↑↓	User type	On-premises sy...	Identities	Company name
☐	AL Ansh Lamba	anshlambaaz_gmail.com#...	Member	No	MicrosoftAccount	
☐	D databricksunity	databricksunity@anshlam...	Member	No	anshlambaazgmail.onmicrosoft...	
☐	F fabricde	fabricde@anshlambaazg...	Member	No	anshlambaazgmail.onmicrosoft...	
☐	F fabrictut	fabrictut@anshlambaazg...	Member	No	anshlambaazgmail.onmicrosoft...	
☐	H her	her@anshlambaazgmail.o...	Member	No	anshlambaazgmail.onmicrosoft...	
☐	N newuser	newuser@anshlambaazg...	Member	No	anshlambaazgmail.onmicrosoft...	

Step2: Add user in Databricks workspace


Microsoft Azure
databricks
Search data, notebooks, recents, and more...
CTRL + P
databricks_ete
+ New
Workspace
Recents
Catalog
Workflows
Compute
Marketplace
SQL
SQL Editor
Queries
Dashboards
Genie
Alerts
Catalog
sql_compute Serverless 2XS
Type to search...
My organization
system
__databricks_internal
databricks_cata
databricksrt
main
my_ms_sql_server_catalog
sparksql_cata
Delta Shares Received
samples
Legacy
hive_metastore
Delta Sharing >
Clean Rooms >
External Data >
Add data
Quick access
Recents
Favorites
Catalogs
Name
schema
databricksrt
databricksrt
sparksql_cata
order_man
sparksql_cata.sparksql_schema
my_ms_sql_server_catalog
7 days ago
Catalog
Search workspaces
databricks_ete
uksouth
adb-ansh-unity
eastus
ADBmodern
eastus
adbolympics
canadacentral
deltalakeADBWS
Manage account
feedback

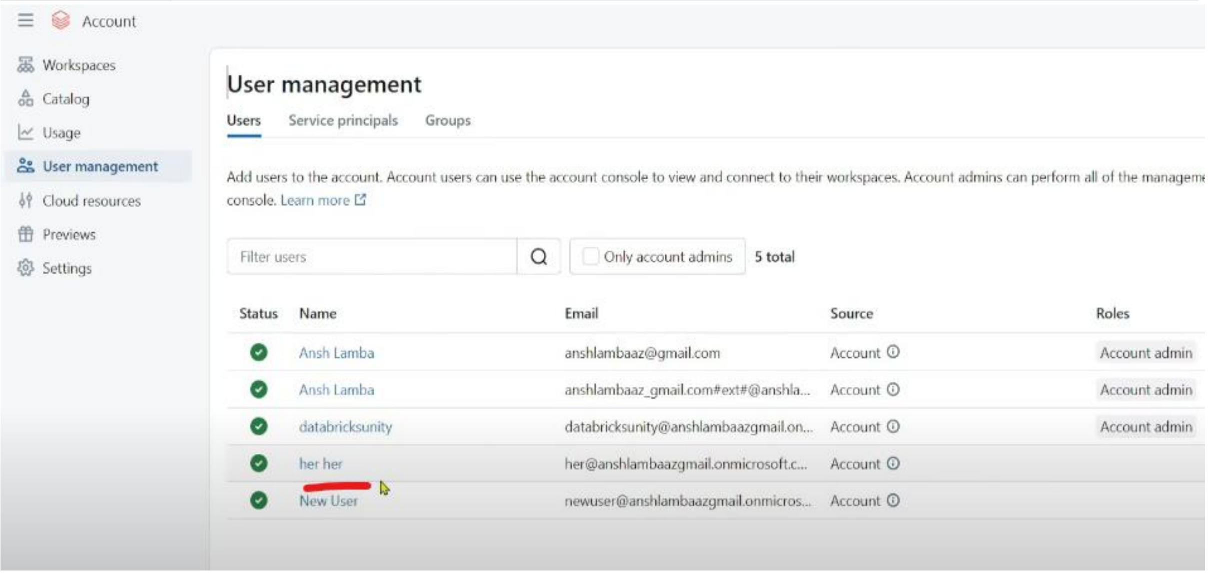

Account
Workspaces
Catalog
Usage
User management
Cloud resources
Previews
Settings
Users
Service principals
Groups
Add user

User management

Add users to the account. Account users can use the account console to view and connect to their workspaces. Account admins can perform all of the management functions available in the account console. Learn more

Filter users ☐ Only account admins 4 total

Status	Name	Email	Source	Roles
✓	Ansh Lamba	anshlambaaz@gmail.com	Account ⓘ	Account admin
✓	Ansh Lamba	anshlambaaz_gmail.com#ext#@anshla...	Account ⓘ	Account admin
✓	databricksunity	databricksunity@anshlambaazgmail.on...	Account ⓘ	Account admin
✓	New User	newuser@anshlambaazgmail.onmicros...	Account ⓘ	


Account
Workspaces
Catalog
Usage
User management
Cloud resources
Previews
Settings
Users
Service principals
Groups

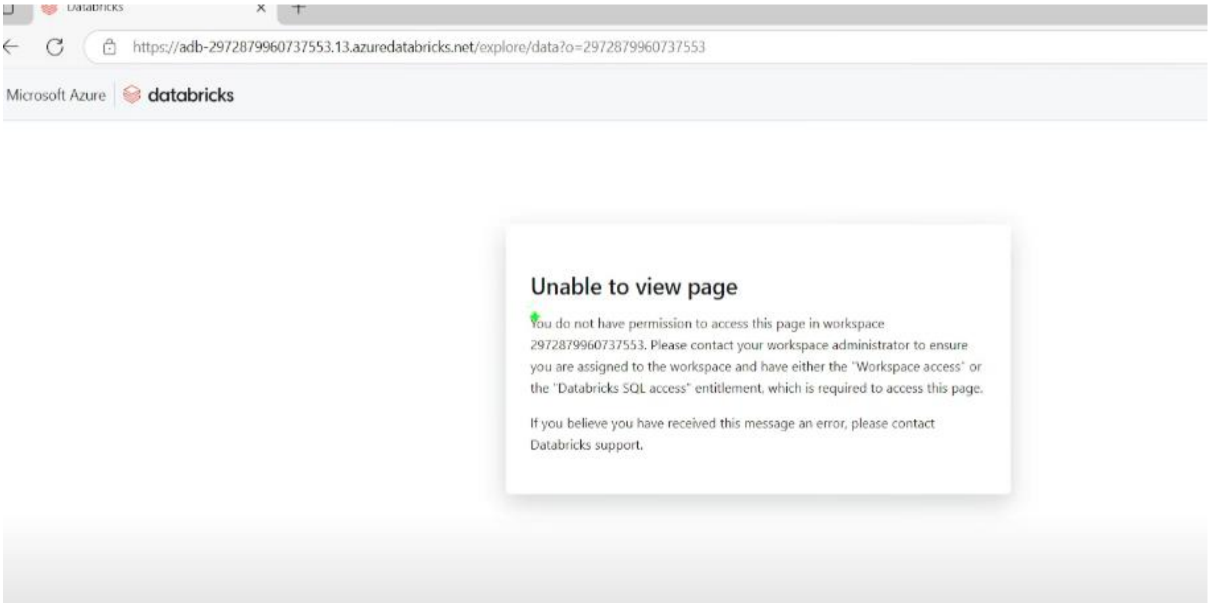
User management

Add users to the account. Account users can use the account console to view and connect to their workspaces. Account admins can perform all of the managem console. Learn more

Filter users ☐ Only account admins 5 total

Status	Name	Email	Source	Roles
✓	Ansh Lamba	anshlambaaz@gmail.com	Account ⓘ	Account admin
✓	Ansh Lamba	anshlambaaz_gmail.com#ext#@anshla...	Account ⓘ	Account admin
✓	databricksunity	databricksunity@anshlambaazgmail.on...	Account ⓘ	Account admin
✓	her her	her@anshlambaazgmail.onmicrosoft.c...	Account ⓘ	
✓	New User	newuser@anshlambaazgmail.onmicros...	Account ⓘ	

Now login through her id


Databricks
https://adb-2972879960737553.13.azuredatabricks.net/explore/data?o=2972879960737553
Microsoft Azure
databricks

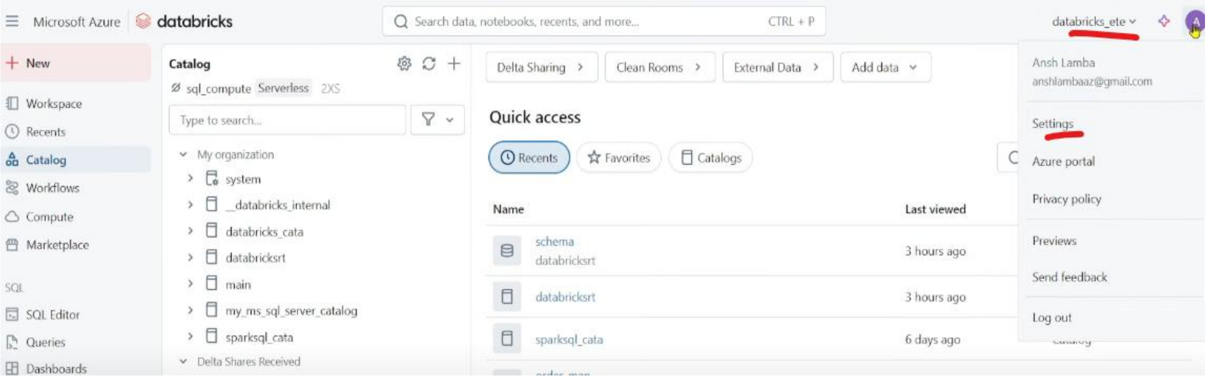
Unable to view page

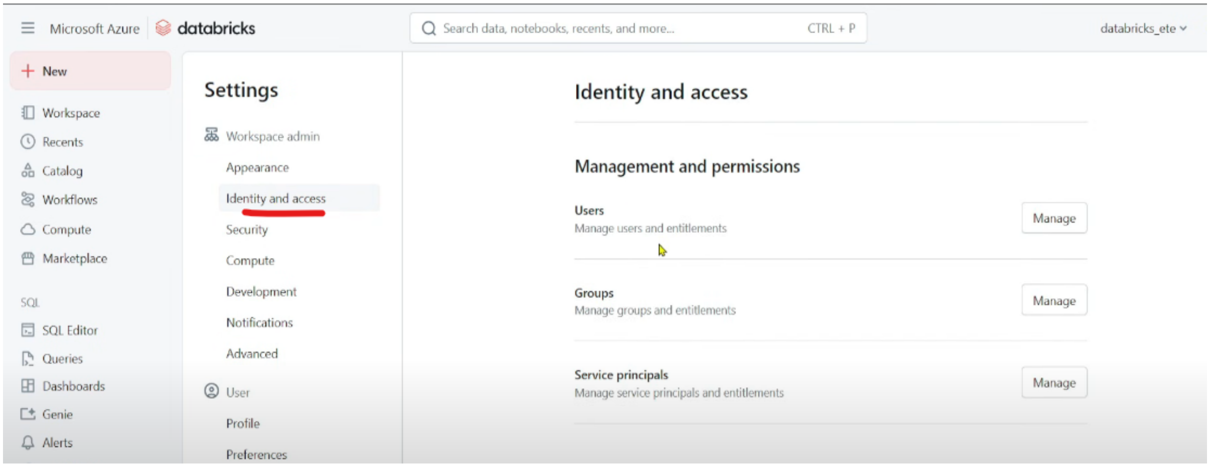
You do not have permission to access this page in workspace 2972879960737553. Please contact your workspace administrator to ensure you are assigned to the workspace and have either the "Workspace access" or the "Databricks SQL access" entitlement, which is required to access this page.

If you believe you have received this message an error, please contact Databricks support.

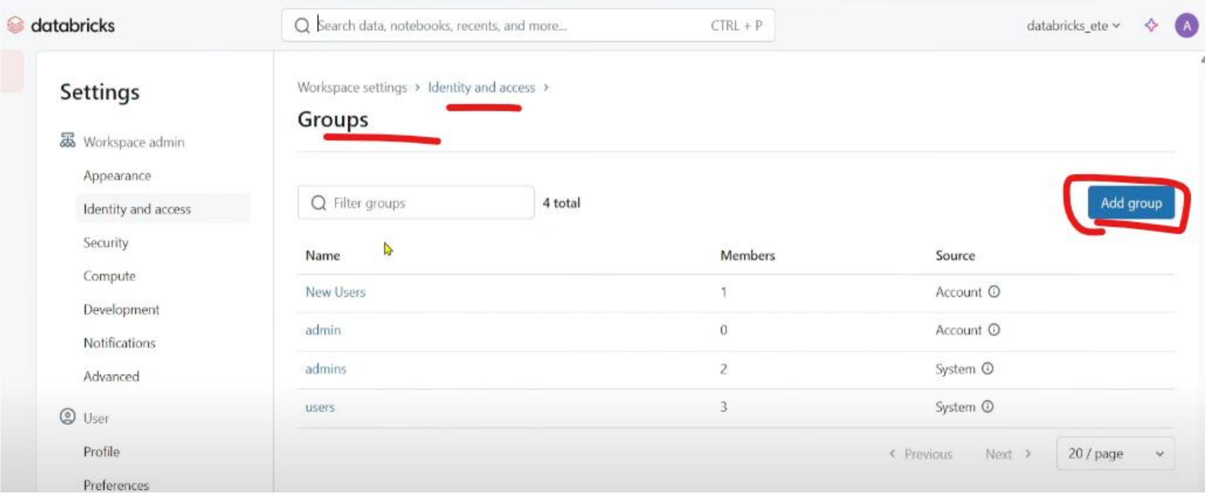
Adding user in Account Console does not mean she will have access to all the catalogs, account console manages all the workspaces but I want any specific workspace to be given access to.

Step3 : Granting workspace specific access

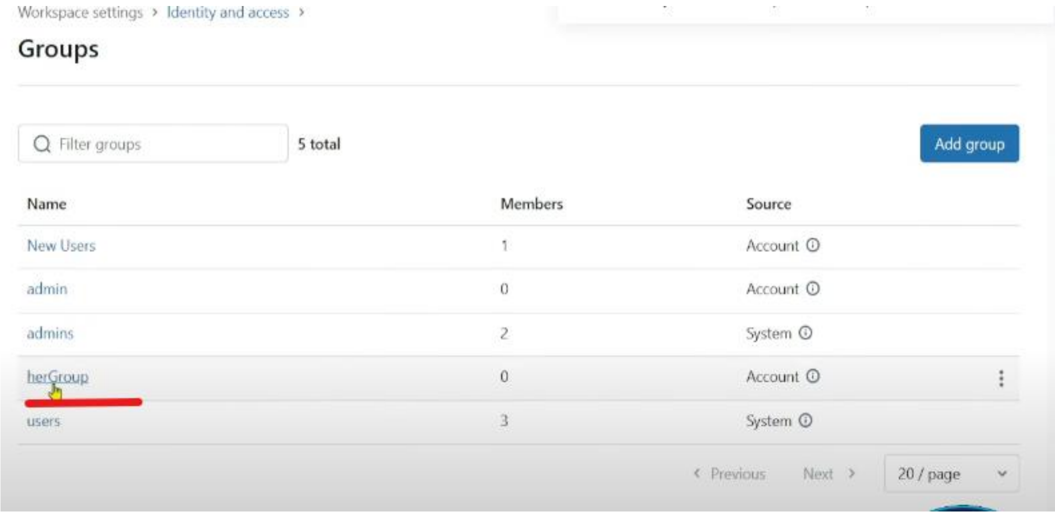

Microsoft Azure
databricks
Search data, notebooks, recents, and more...
CTRL + P
databricks_ete
New
Workspace
Recents
Catalog
Workflows
Compute
Marketplace
SQL
SQL Editor
Queries
Dashboards
Catalog
sql_compute Serverless 2XS
Type to search...
My organization
system
__databricks_internal
databricks_cata
databricksrt
main
my_ms_sql_server_catalog
sparksql_cata
Delta Shares Received
Delta Sharing
Clean Rooms
External Data
Add data
Quick access
Recents
Favorites
Catalogs
Name
Last viewed
schema
databricksrt
3 hours ago
databricksrt
3 hours ago
sparksql_cata
6 days ago
Ansh Lamba
anshlambaaz@gmail.com
Settings
Azure portal
Privacy policy
Previews
Send feedback
Log out


Microsoft Azure
databricks
Search data, notebooks, recents, and more...
CTRL + P
databricks_ete
New
Workspace
Recents
Catalog
Workflows
Compute
Marketplace
SQL
SQL Editor
Queries
Dashboards
Genie
Alerts
Settings
Workspace admin
Appearance
Identity and access
Security
Compute
Development
Notifications
Advanced
User
Profile
Preferences
Identity and access
Management and permissions
Users
Manage users and entitlements
Manage
Groups
Manage groups and entitlements
Manage
Service principals
Manage service principals and entitlements
Manage

Best way to create a group


databricks
Search data, notebooks, recents, and more...
CTRL + P
databricks_ete
Settings
Workspace admin
Appearance
Identity and access
Security
Compute
Development
Notifications
Advanced
User
Profile
Preferences
Workspace settings > Identity and access >
Groups
Filter groups
4 total
Add group
Previous
Next
20 / page

Name	Members	Source
New Users	1	Account
admin	0	Account
admins	2	System
users	3	System

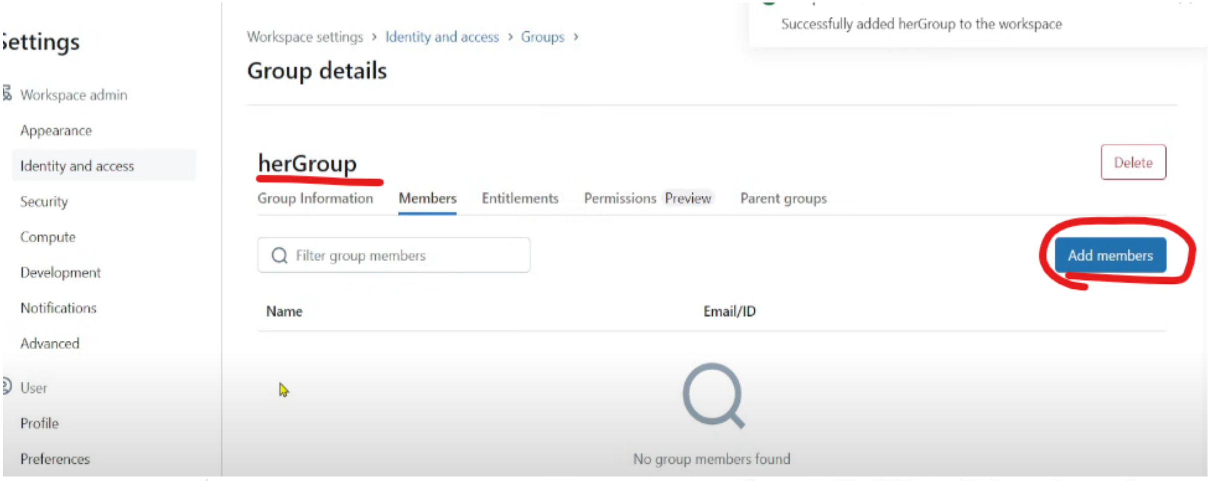

Workspace settings > Identity and access >

Groups

Filter groups
5 total
Add group

Name	Members	Source
New Users	1	Account ⓘ
admin	0	Account ⓘ
admins	2	System ⓘ
herGroup	0	Account ⓘ
users	3	System ⓘ

‹ Previous
Next ›
20 / page


ettings
Workspace admin
Appearance
Identity and access
Security
Compute
Development
Notifications
Advanced
User
Profile
Preferences

Successfully added herGroup to the workspace

Workspace settings > Identity and access > Groups >

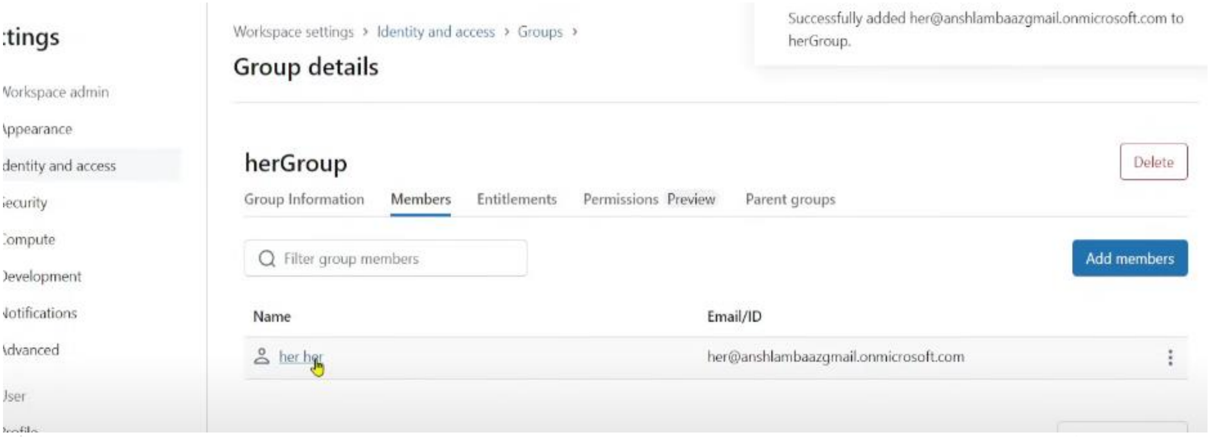
Group details

herGroup

Delete
Group Information
Members
Entitlements
Permissions Preview
Parent groups
Filter group members
Add members

Name	Email/ID

No group members found


tings
Vorkspace admin
ppearance
dentity and access
ecurity
ompute
evelopment
otifications
dvanced
ser

Workspace settings > Identity and access > Groups >

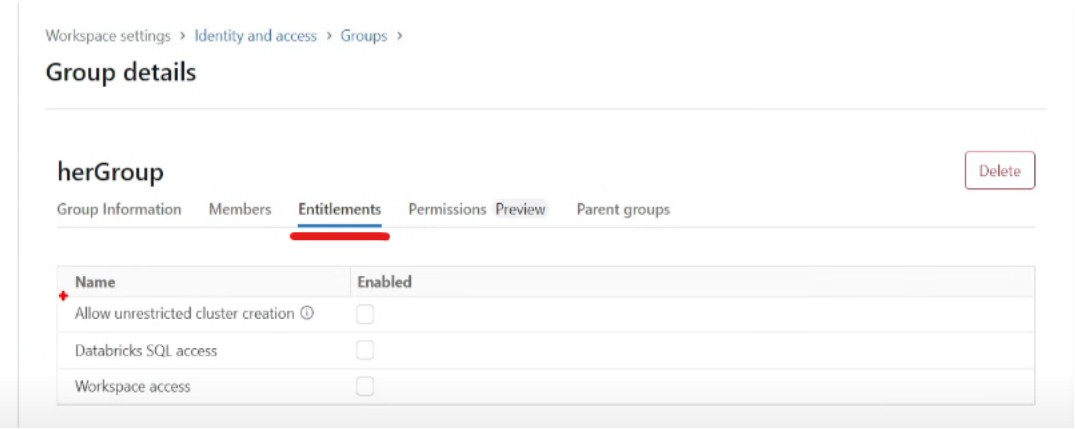
Successfully added her@anshlambaazgmail.onmicrosoft.com to herGroup.

Group details

herGroup

Delete
Group Information
Members
Entitlements
Permissions Preview
Parent groups
Filter group members
Add members

Name	Email/ID
her her	her@anshlambaazgmail.onmicrosoft.com

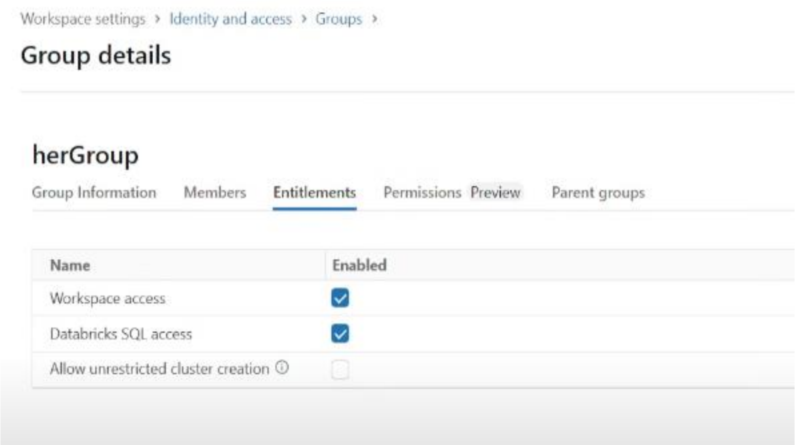

Workspace settings > Identity and access > Groups >

Group details

herGroup

Delete
Group Information
Members
Entitlements
Permissions Preview
Parent groups

Name	Enabled
Allow unrestricted cluster creation ⓘ	☐
Databricks SQL access	☐
Workspace access	☐



Workspace settings › Identity and access › Groups ›

Group details

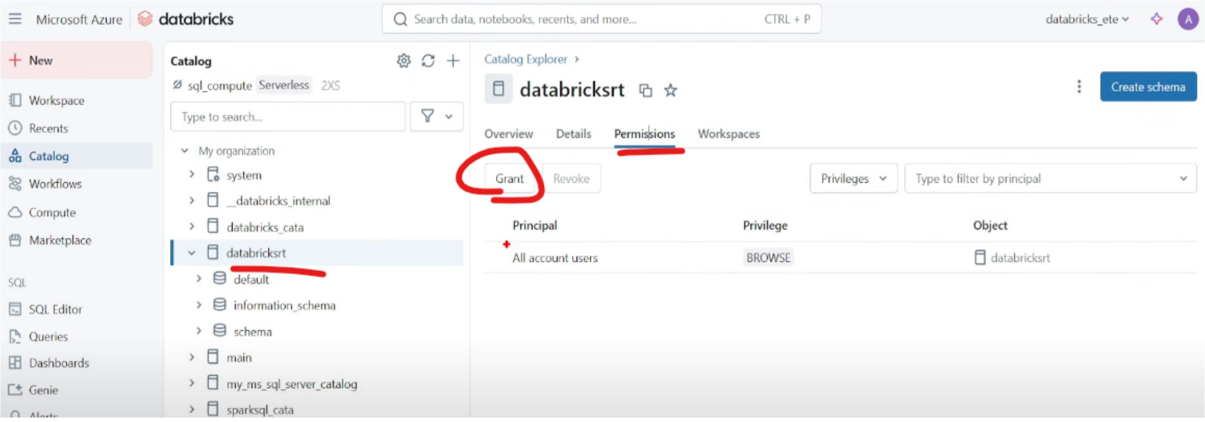
herGroup

Group Information
Members
Entitlements
Permissions Preview
Parent groups

Name	Enabled
Workspace access	☑
Databricks SQL access	☑
Allow unrestricted cluster creation ⓘ	☐

Still she will not be having access to Catalogs

Step4: Granting access to catalogs



Microsoft Azure
databricks
Search data, notebooks, recents, and more...
CTRL + P
databricks_ete
A
New
Workspace
Recents
Catalog
Workflows
Compute
Marketplace
SQL
SQL Editor
Queries
Dashboards
Genie
Catalog
sql_compute Serverless 2XS
Type to search...
My organization
system
__databricks_internal
databricks_cata
databricksrt
default
information_schema
schema
main
my_ms_sql_server_catalog
sparksql_cata
Catalog Explorer ›
databricksrt
Create schema
Overview
Details
Permissions
Workspaces
Grant
Revoke
Privileges
Type to filter by principal

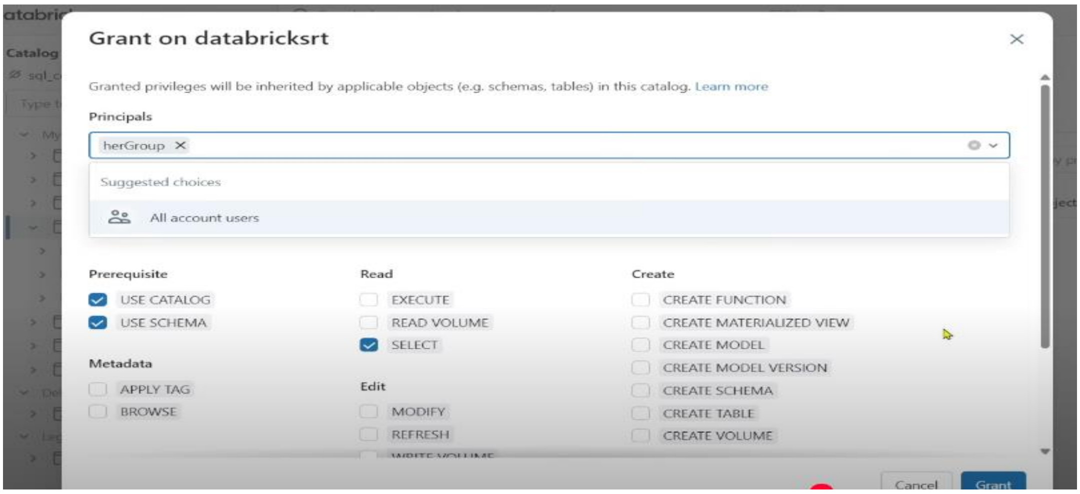
Principal	Privilege	Object
All account users	BROWSE	databricksrt

There are 2 types of access:

1) Top to Down : having access to parent container will automatically having access to all child containers

2) Down to Top : having access to a container means all kind of read/write permissions on the container but only usage access to its parent container (if parent container contains any other container, it will be hidden)

Top to Down



Grant on databricksrt

Granted privileges will be inherited by applicable objects (e.g. schemas, tables) in this catalog. Learn more

Principals

herGroup ✕

Suggested choices

All account users

Prerequisite
- ☑ USE CATALOG
- ☑ USE SCHEMA

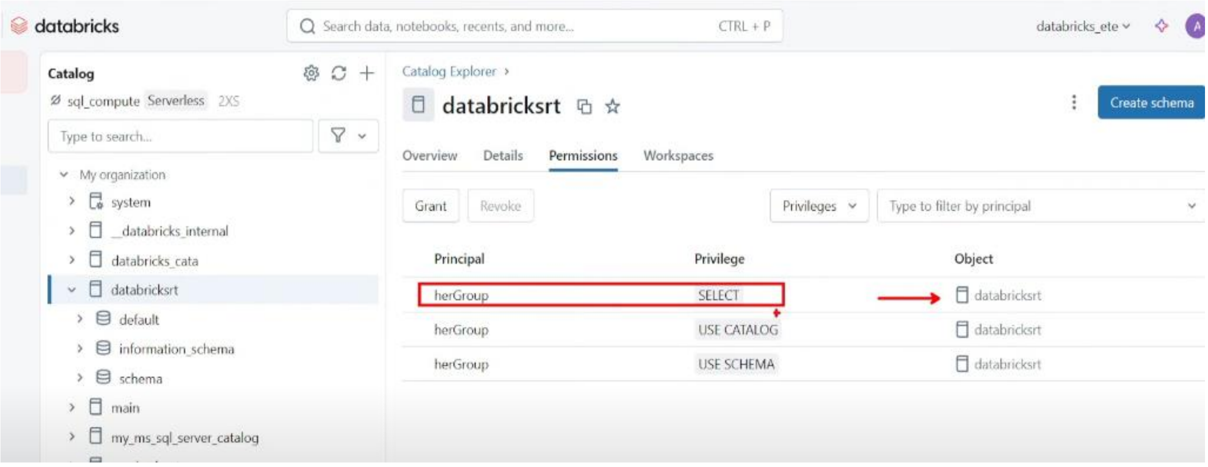
Metadata
- ☐ APPLY TAG
- ☐ BROWSE

Read
- ☐ EXECUTE
- ☐ READ VOLUME
- ☑ SELECT

Edit
- ☐ MODIFY
- ☐ REFRESH
- ☐ WRITE VOLUME

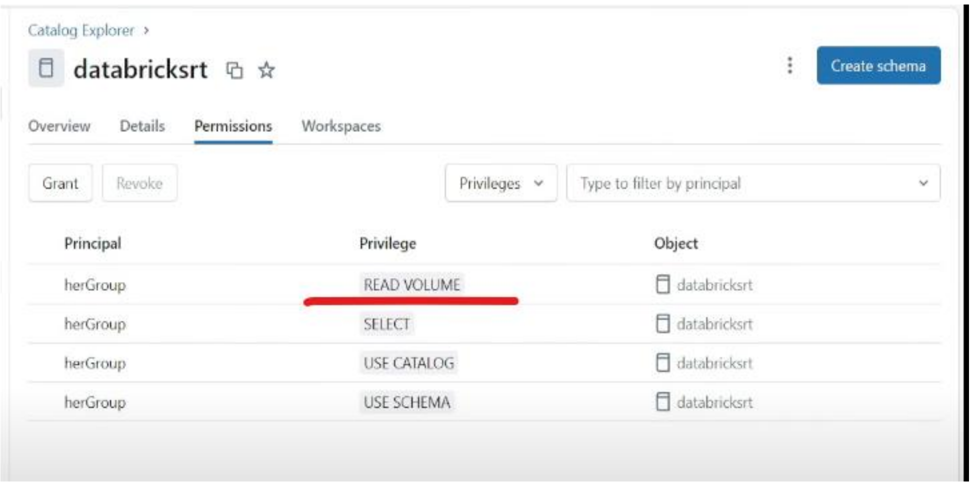
Create
- ☐ CREATE FUNCTION
- ☐ CREATE MATERIALIZED VIEW
- ☐ CREATE MODEL
- ☐ CREATE MODEL VERSION
- ☐ CREATE SCHEMA
- ☐ CREATE TABLE
- ☐ CREATE VOLUME

Cancel
Grant


databricks
Search data, notebooks, recents, and more...
CTRL + P
databricks_ete
Catalog
sql_compute Serverless 2XS
Type to search...
My organization
system
__databricks_internal
databricks_cata
databricksrt
default
information_schema
schema
main
my_ms_sql_server_catalog
Catalog Explorer
databricksrt
Create schema
Overview
Details
Permissions
Workspaces
Grant
Revoke
Privileges
Type to filter by principal

Principal	Privilege	Object
herGroup	SELECT	databricksrt
herGroup	USE CATALOG	databricksrt
herGroup	USE SCHEMA	databricksrt

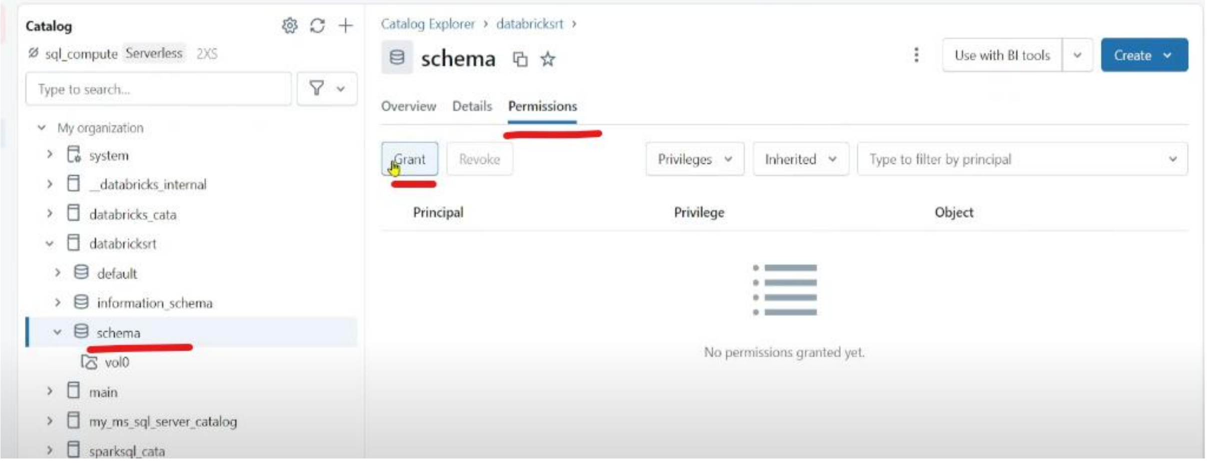
Add respective access


Catalog Explorer
databricksrt
Create schema
Overview
Details
Permissions
Workspaces
Grant
Revoke
Privileges
Type to filter by principal

Principal	Privilege	Object
herGroup	READ VOLUME	databricksrt
herGroup	SELECT	databricksrt
herGroup	USE CATALOG	databricksrt
herGroup	USE SCHEMA	databricksrt

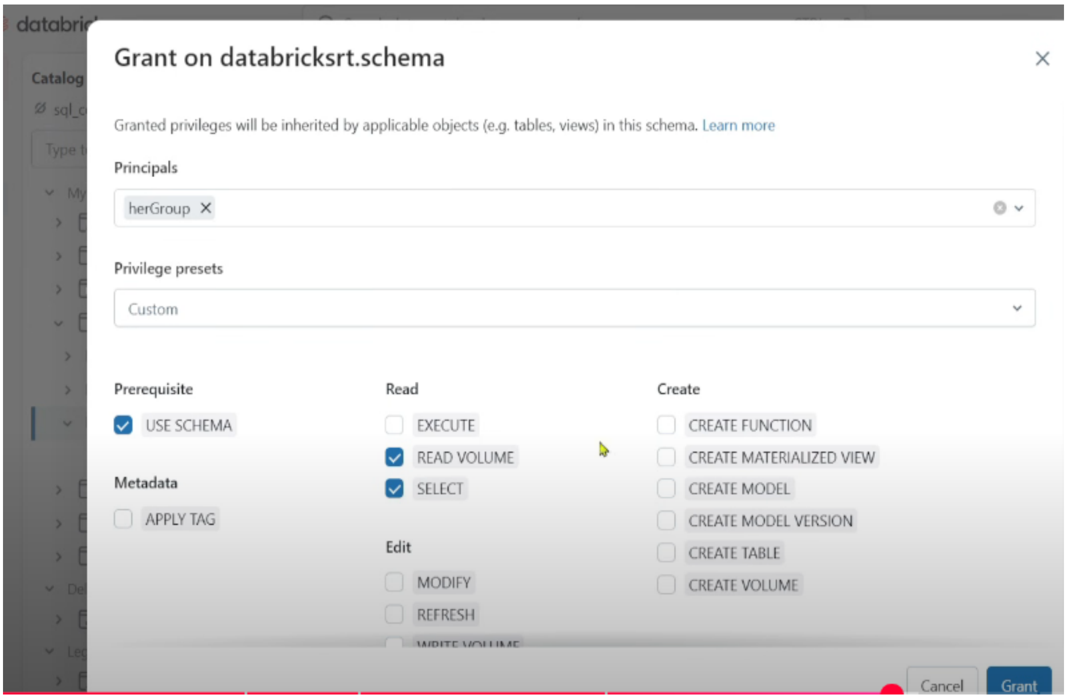
Down to Top

Lets delete all the access for now


Catalog
sql_compute Serverless 2XS
Type to search...
My organization
system
__databricks_internal
databricks_cata
databricksrt
default
information_schema
schema
vol0
main
my_ms_sql_server_catalog
sparksql_cata
Catalog Explorer
databricksrt
schema
Use with BI tools
Create
Overview
Details
Permissions
Grant
Revoke
Privileges
Inherited
Type to filter by principal
Principal
Privilege
Object

No permissions granted yet.

Go one level down i.e. schema and give permission



Grant on databricksrt.schema

Granted privileges will be inherited by applicable objects (e.g. tables, views) in this schema. Learn more

Principals: herGroup

Privilege presets: Custom

Prerequisite
- ☑ USE SCHEMA

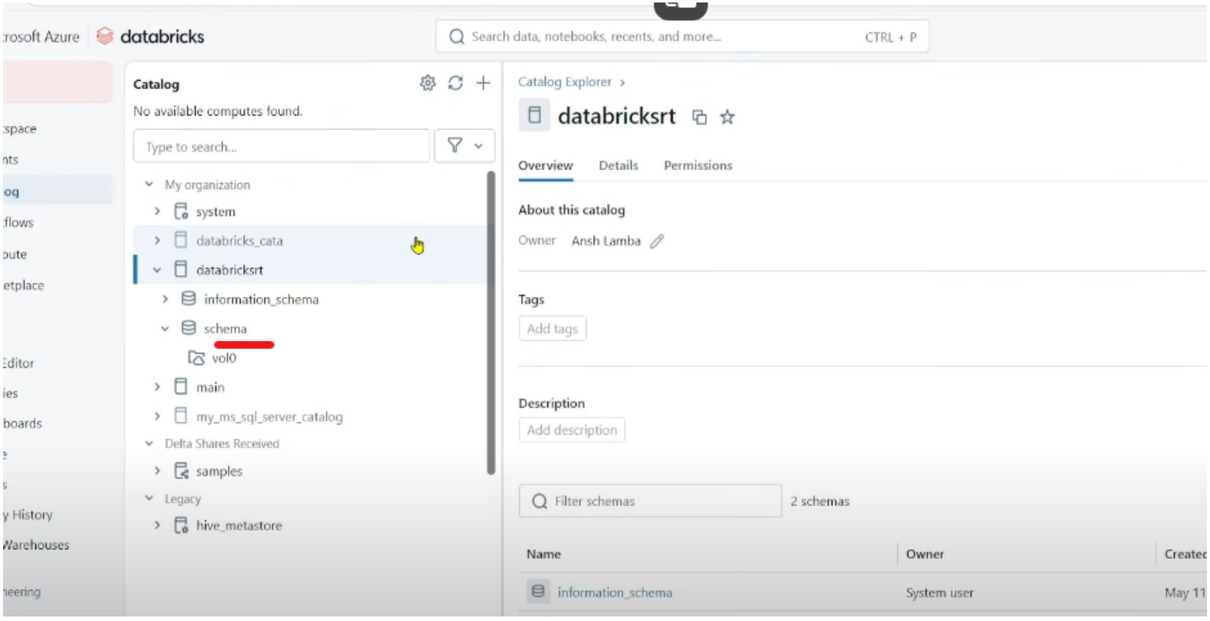
Metadata
- ☐ APPLY TAG

Read
- ☐ EXECUTE
- ☑ READ VOLUME
- ☑ SELECT

Edit
- ☐ MODIFY
- ☐ REFRESH

Create
- ☐ CREATE FUNCTION
- ☐ CREATE MATERIALIZED VIEW
- ☐ CREATE MODEL
- ☐ CREATE MODEL VERSION
- ☐ CREATE TABLE
- ☐ CREATE VOLUME

Cancel
Grant



rosoft Azure
databricks
Search data, notebooks, recents, and more...
CTRL + P
Catalog
No available computes found.
Type to search...
My organization
system
databricks_cata
databricksrt
information_schema
schema
vol0
main
my_ms_sql_server_catalog
Delta Shares Received
samples
Legacy
hive_metastore
Catalog Explorer ›
databricksrt
Overview
Details
Permissions
Add tags
Add description
Filter schemas

About this catalog

Owner: Ansh Lamba

Tags

Description

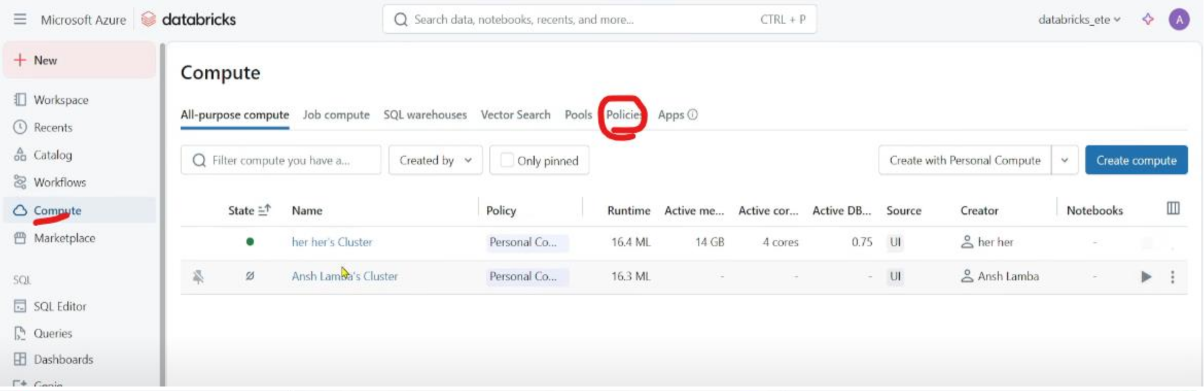
2 schemas

Name	Owner	Createc
information_schema	System user	May 11

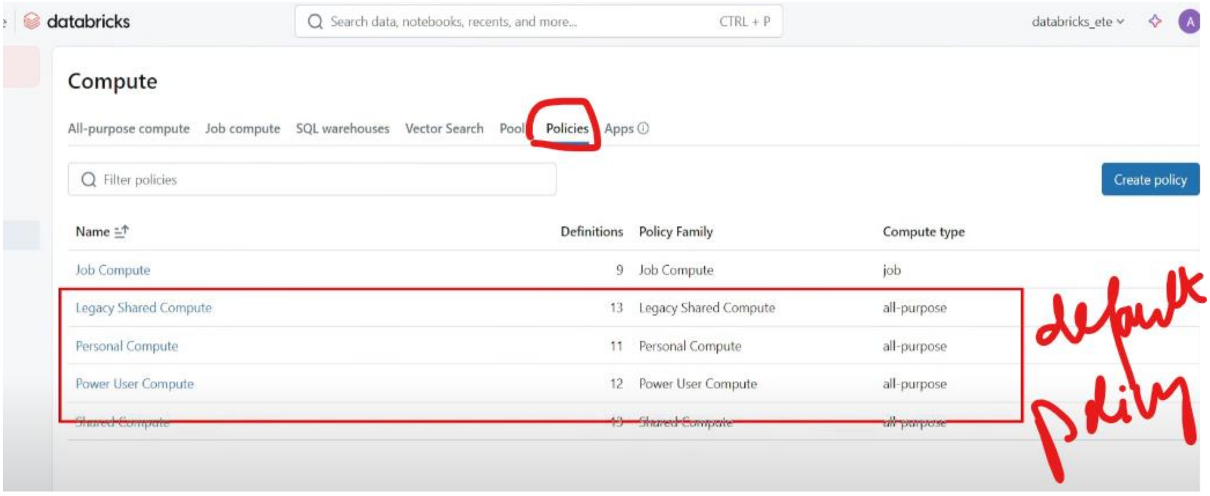
Note now she cant see the default schema, beauty of down to top approach

Scenario – 6 (Access on cluster)

We don’t want any new user to create new cluster.

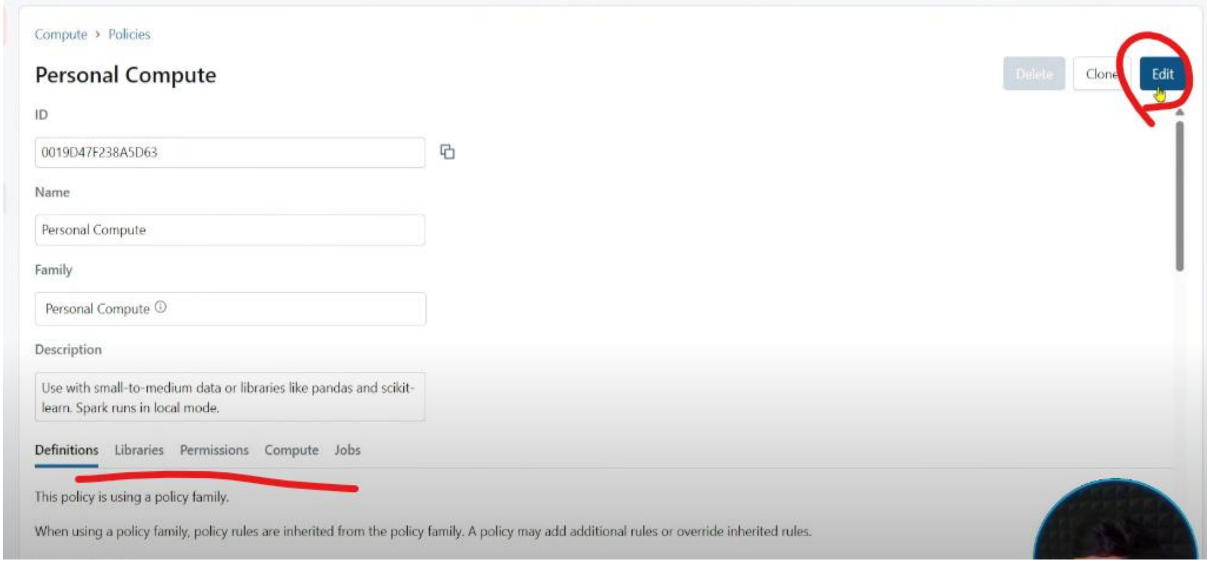

Microsoft Azure
databricks
Search data, notebooks, recents, and more...
CTRL + P
databricks_ete
New
Workspace
Recents
Catalog
Workflows
Compute
Marketplace
SQL
SQL Editor
Queries
Dashboards
Compute
All-purpose compute
Job compute
SQL warehouses
Vector Search
Pools
Policies
Apps
Filter compute you have a...
Created by
Only pinned
Create with Personal Compute
Create compute

State	Name	Policy	Runtime	Active me...	Active cor...	Active DB...	Source	Creator	Notebooks
●	her her's Cluster	Personal Co...	16.4 ML	14 GB	4 cores	0.75	UI	her her	-
	Ansh Lamba's Cluster	Personal Co...	16.3 ML	-	-	-	UI	Ansh Lamba	-


databricks
Search data, notebooks, recents, and more...
CTRL + P
databricks_ete
Compute
All-purpose compute
Job compute
SQL warehouses
Vector Search
Pools
Policies
Apps
Filter policies
Create policy
default
policy

Name	Definitions	Policy Family	Compute type
Job Compute	9	Job Compute	job
Legacy Shared Compute	13	Legacy Shared Compute	all-purpose
Personal Compute	11	Personal Compute	all-purpose
Power User Compute	12	Power User Compute	all-purpose
Shared Compute	13	Shared Compute	all-purpose

Policies are pre defined pre configured area


Compute › Policies
Delete
Clone
Edit
Definitions
Libraries
Permissions
Compute
Jobs

Personal Compute

ID

0019D47F238A5D63

Name

Personal Compute

Family

Personal Compute

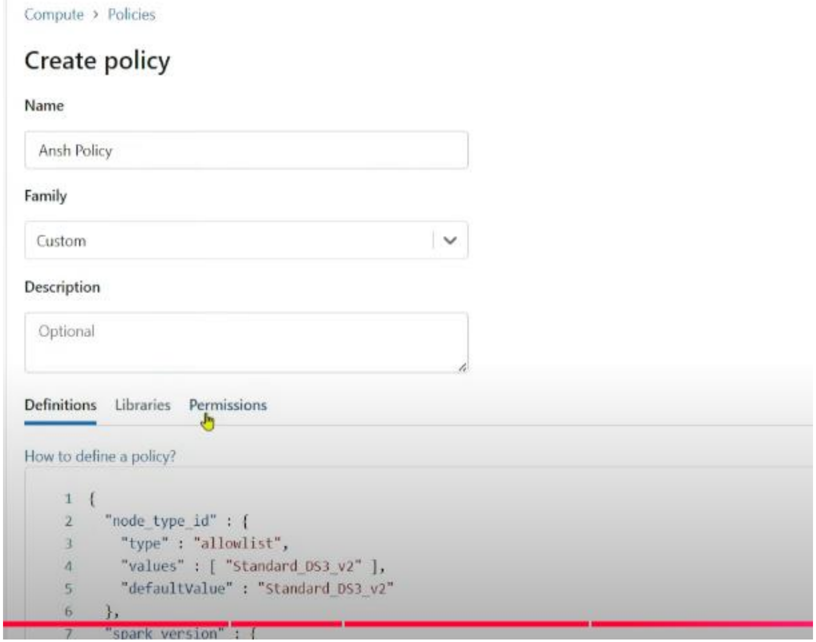
Description

Use with small-to-medium data or libraries like pandas and scikit-learn. Spark runs in local mode.

This policy is using a policy family.

When using a policy family, policy rules are inherited from the policy family. A policy may add additional rules or override inherited rules.

Create a new policy(Copy the code from Personal Compute)



Compute › Policies

Create policy

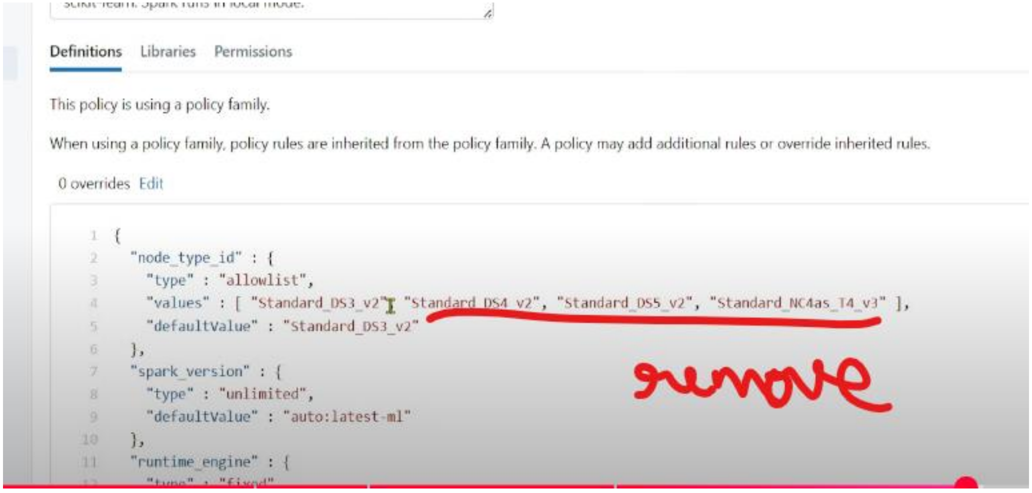
Name: Ansh Policy

Family: Custom

Description: Optional

How to define a policy?

```
{
  "node_type_id" : {
    "type" : "allowlist",
    "values" : [ "Standard_DS3_v2" ],
    "defaultValue" : "Standard_DS3_v2"
  },
  "spark_version" : {
```



This policy is using a policy family.

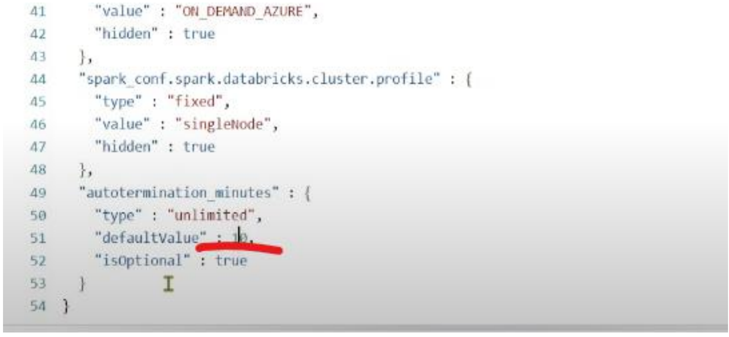
When using a policy family, policy rules are inherited from the policy family. A policy may add additional rules or override inherited rules.

0 overrides Edit

```
{
  "node_type_id" : {
    "type" : "allowlist",
    "values" : [ "Standard_DS3_v2" "Standard_DS4_v2", "Standard_DS5_v2", "Standard_NC4as_T4_v3" ],
    "defaultValue" : "Standard_DS3_v2"
  },
  "spark_version" : {
    "type" : "unlimited",
    "defaultValue" : "auto:latest-ml"
  },
  "runtime_engine" : {
    "type" : "fixed"
```

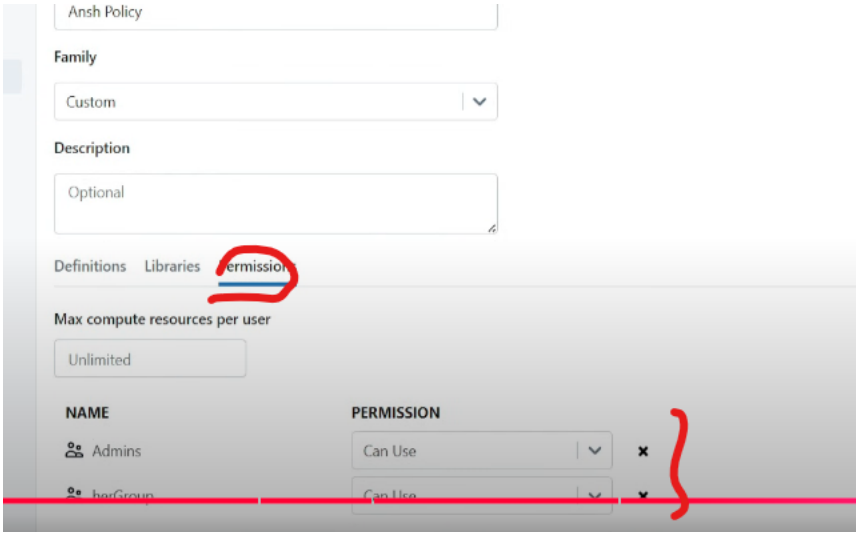
remove

Means new policy implies only one specific cluster type to be included



```
      "value" : "ON_DEMAND_AZURE",
      "hidden" : true
    },
    "spark_conf.spark.databricks.cluster.profile" : {
      "type" : "fixed",
      "value" : "singleNode",
      "hidden" : true
    },
    "autotermination_minutes" : {
      "type" : "unlimited",
      "defaultValue" : 10,
      "isOptional" : true
    }
}
```

Changing 4320 mins to 10 mins



Ansh Policy

Family

Custom

Description

Optional

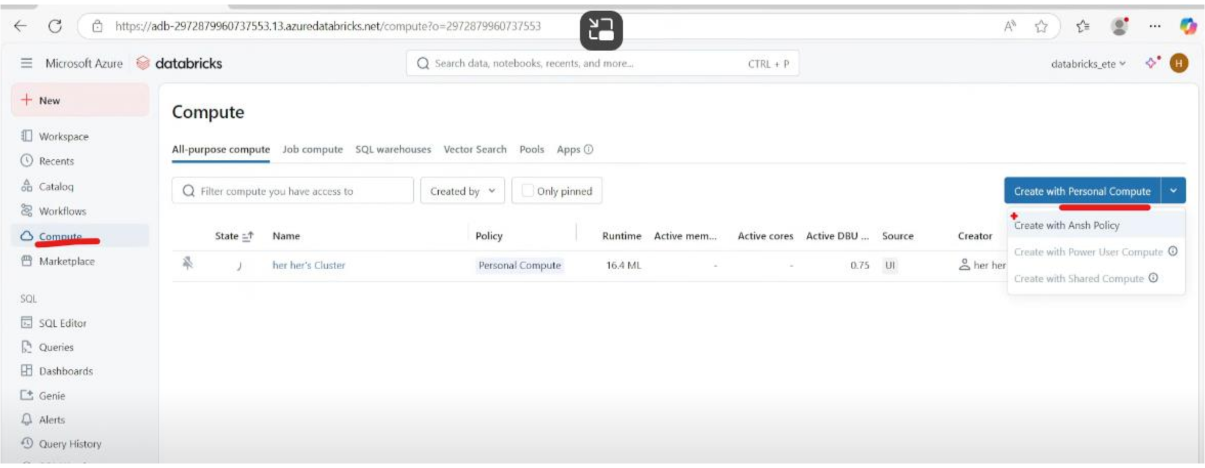
Definitions
Libraries
Permissions

Max compute resources per user

Unlimited

NAME	PERMISSION
Admins	Can Use
herGroup	Can Use

Now try creating a Cluster, all other policies are disabled

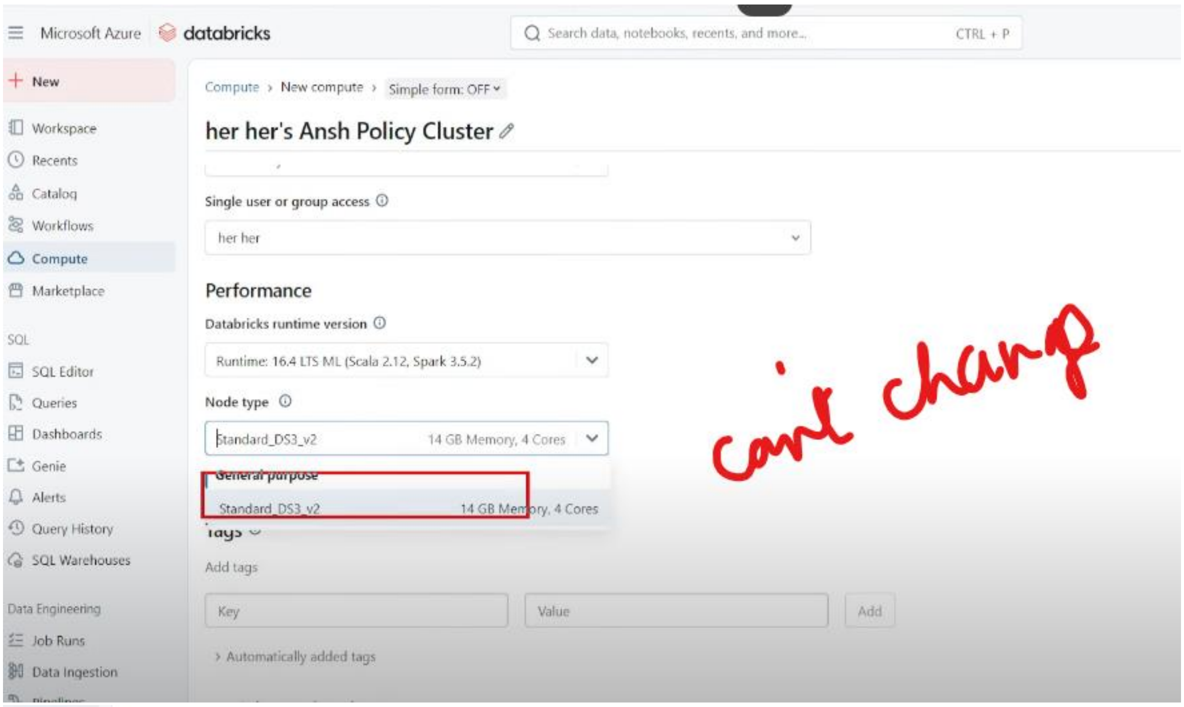


https://adb-2972879960737553.13.azuredatabricks.net/compute?o=2972879960737553
Microsoft Azure
databricks
Search data, notebooks, recents, and more...
CTRL + P
databricks_ete
H
New
Workspace
Recents
Catalog
Workflows
Compute
Marketplace
SQL
SQL Editor
Queries
Dashboards
Genie
Alerts
Query History

Compute

All-purpose compute
Job compute
SQL warehouses
Vector Search
Pools
Apps
Filter compute you have access to
Created by
☐ Only pinned
Create with Personal Compute
Create with Ansh Policy
Create with Power User Compute
Create with Shared Compute

State	Name	Policy	Runtime	Active mem...	Active cores	Active DBU ...	Source	Creator
	her her's Cluster	Personal Compute	16.4 ML	-	-	0.75	UI	her her


Microsoft Azure
databricks
Search data, notebooks, recents, and more...
CTRL + P
New
Workspace
Recents
Catalog
Workflows
Compute
Marketplace
SQL
SQL Editor
Queries
Dashboards
Genie
Alerts
Query History
SQL Warehouses
Data Engineering
Job Runs
Data Ingestion

Compute › New compute › Simple form: OFF

her her's Ansh Policy Cluster

Single user or group access: her her

Performance

Databricks runtime version: Runtime: 16.4 LTS ML (Scala 2.12, Spark 3.5.2)

Node type: Standard_DS3_v2 14 GB Memory, 4 Cores

General purpose

Standard_DS3_v2 14 GB Memory, 4 Cores

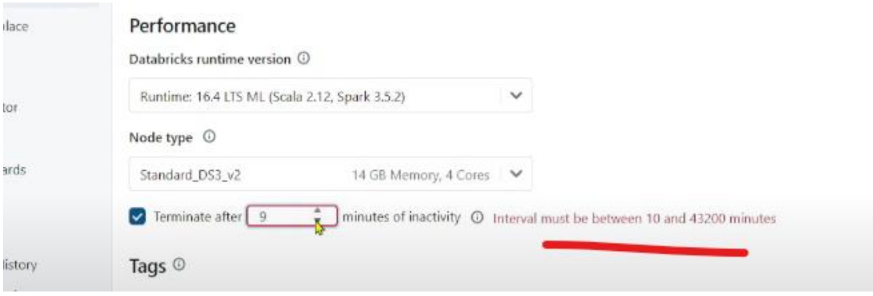
Tags

Add tags

Key | Value | Add

› Automatically added tags

can't chang



Performance

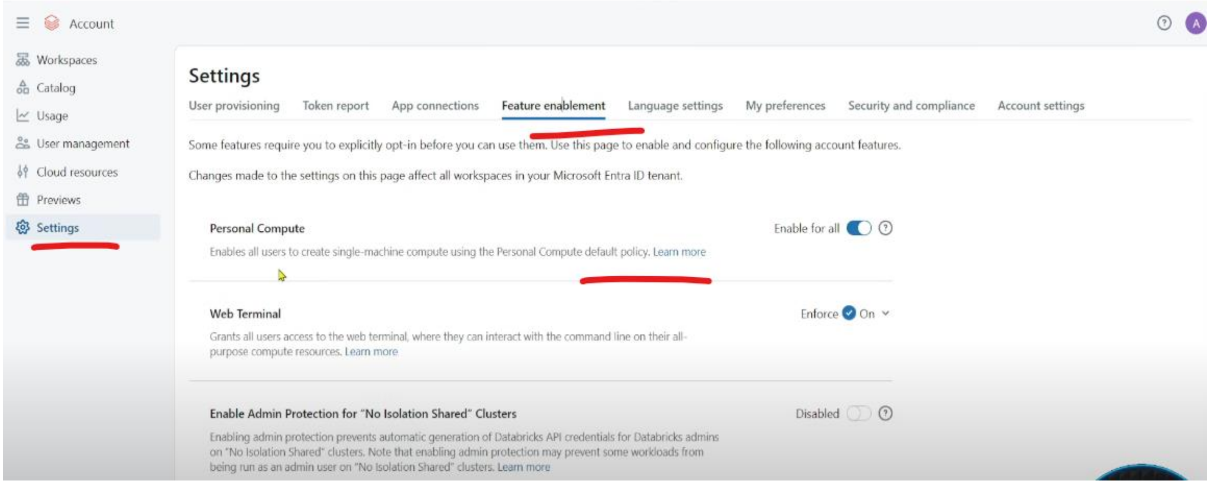
Databricks runtime version: Runtime: 16.4 LTS ML (Scala 2.12, Spark 3.5.2)

Node type: Standard_DS3_v2 14 GB Memory, 4 Cores

☑ Terminate after 9 minutes of inactivity ⓘ Interval must be between 10 and 43200 minutes

Tags

Scenario-7 (Revoking all users to create Personal Compute)


Account
Workspaces
Catalog
Usage
User management
Cloud resources
Previews
Settings

Settings

User provisioning | Token report | App connections | Feature enablement | Language settings | My preferences | Security and compliance | Account settings

Some features require you to explicitly opt-in before you can use them. Use this page to enable and configure the following account features.

Changes made to the settings on this page affect all workspaces in your Microsoft Entra ID tenant.

Personal Compute — Enable for all: On

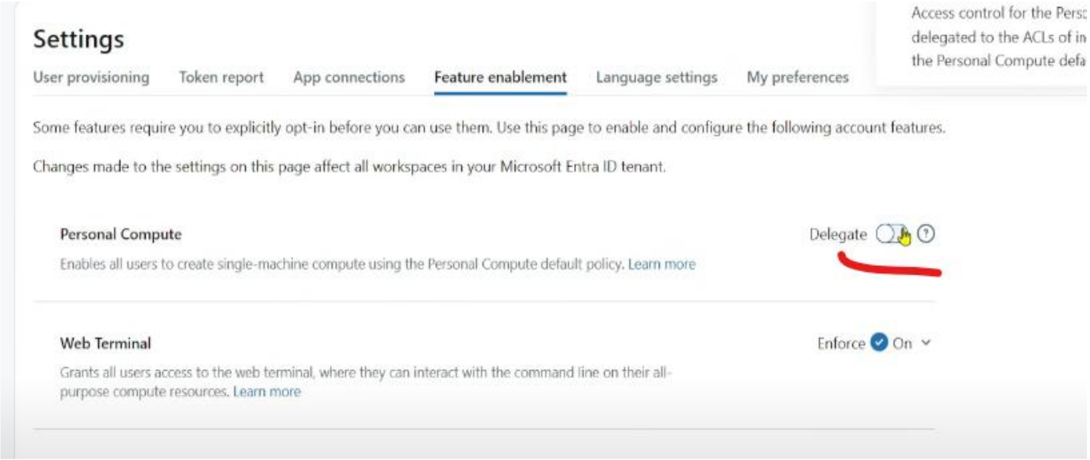
Enables all users to create single-machine compute using the Personal Compute default policy. Learn more

Web Terminal — Enforce: On

Grants all users access to the web terminal, where they can interact with the command line on their all-purpose compute resources. Learn more

Enable Admin Protection for "No Isolation Shared" Clusters — Disabled

Enabling admin protection prevents automatic generation of Databricks API credentials for Databricks admins on "No Isolation Shared" clusters. Note that enabling admin protection may prevent some workloads from being run as an admin user on "No Isolation Shared" clusters. Learn more


Settings
User provisioning
Token report
App connections
Feature enablement
Language settings
My preferences

Access control for the Pers
delegated to the ACLs of in
the Personal Compute defa

Some features require you to explicitly opt-in before you can use them. Use this page to enable and configure the following account features.

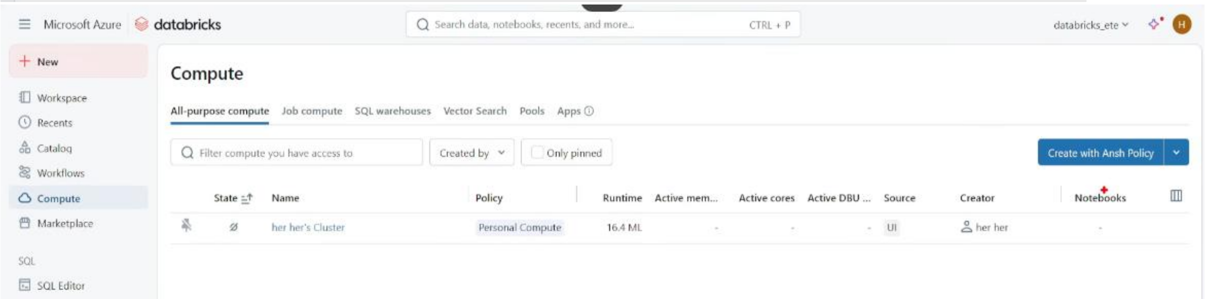
Changes made to the settings on this page affect all workspaces in your Microsoft Entra ID tenant.

Personal Compute — Delegate

Enables all users to create single-machine compute using the Personal Compute default policy. Learn more

Web Terminal — Enforce On

Grants all users access to the web terminal, where they can interact with the command line on their all-purpose compute resources. Learn more

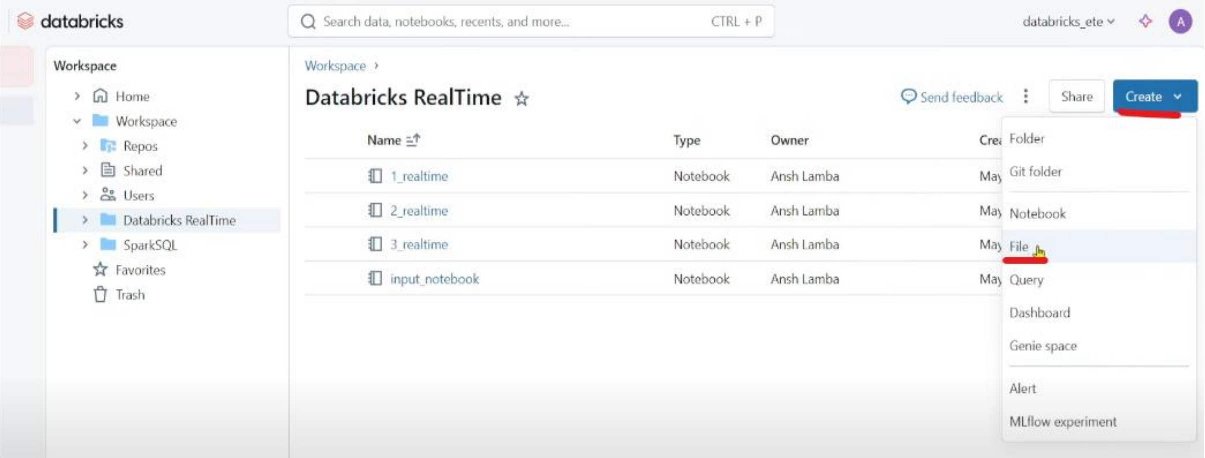

Microsoft Azure
databricks
Search data, notebooks, recents, and more...
CTRL + P
databricks_ete
H
New
Workspace
Recents
Catalog
Workflows
Compute
Marketplace
SQL
SQL Editor
Compute
All-purpose compute
Job compute
SQL warehouses
Vector Search
Pools
Apps
Filter compute you have access to
Created by
Only pinned
Create with Ansh Policy

State	Name	Policy	Runtime	Active mem...	Active cores	Active DBU ...	Source	Creator	Notebooks
	her her's Cluster	Personal Compute	16.4 ML	-	-	-	UI	her her	-

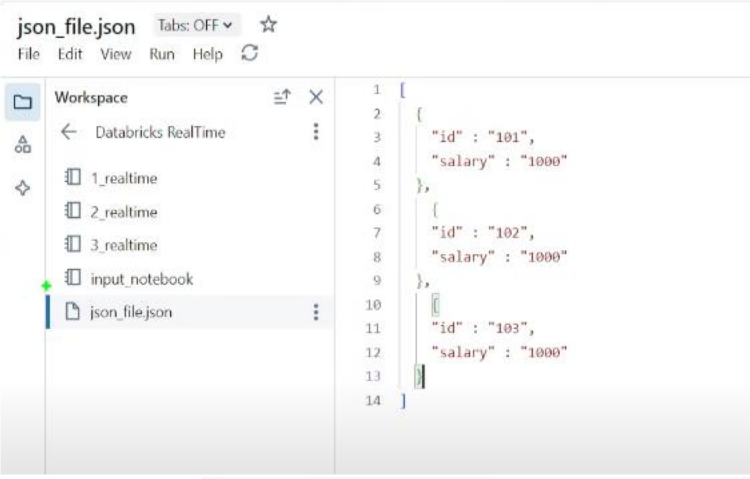
Personal compute is gone

Scenario-8 (Databricks Workspace Files)

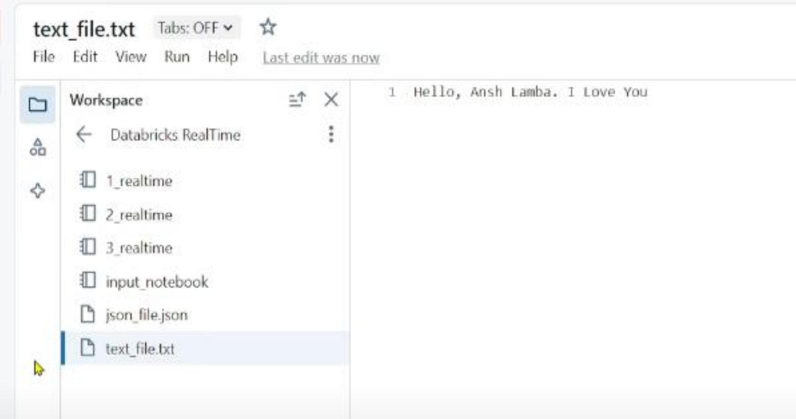
Files in Workspace Files (like json file that we use for Lookup or .py file containing API details)
Create a new file


databricks
Search data, notebooks, recents, and more...
CTRL + P
databricks_ete
A
Workspace
Home
Workspace
Repos
Shared
Users
Databricks RealTime
SparkSQL
Favorites
Trash
Workspace ›
Databricks RealTime
Send feedback
Share
Create
Folder
Git folder
Notebook
File
Query
Dashboard
Genie space
Alert
MLflow experiment

Name	Type	Owner	Crea
1_realtime	Notebook	Ansh Lamba	May
2_realtime	Notebook	Ansh Lamba	May
3_realtime	Notebook	Ansh Lamba	May
input_notebook	Notebook	Ansh Lamba	May

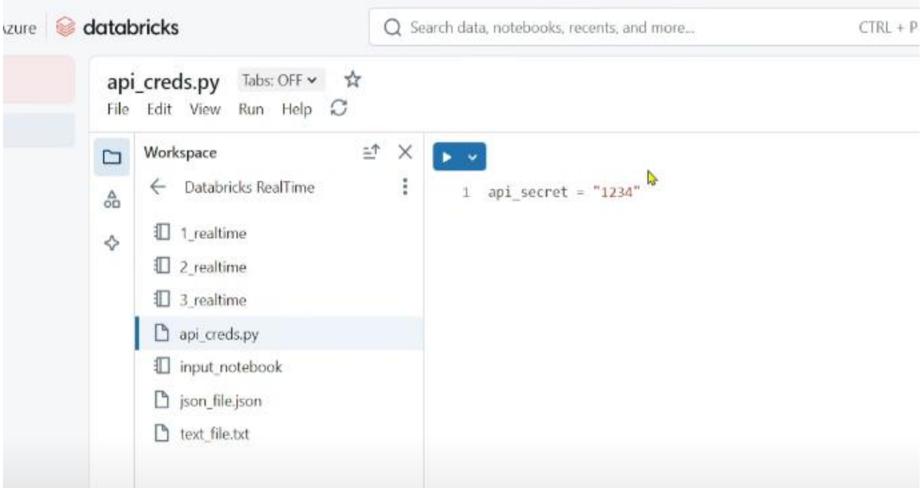

json_file.json
Tabs: OFF
File Edit View Run Help
Workspace
Databricks RealTime
1_realtime
2_realtime
3_realtime
input_notebook
json_file.json

```
[
  {
    "id" : "101",
    "salary" : "1000"
  },
  {
    "id" : "102",
    "salary" : "1000"
  },
  {
    "id" : "103",
    "salary" : "1000"
  }
]
```


text_file.txt
Tabs: OFF
File Edit View Run Help
Last edit was now
Workspace
Databricks RealTime
1_realtime
2_realtime
3_realtime
input_notebook
json_file.json
text_file.txt

```
Hello, Ansh Lamba. I Love You
```

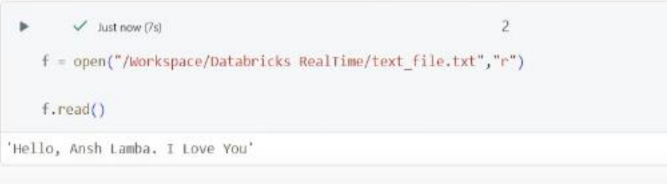
Create a text file


databricks
Search data, notebooks, recents, and more...
CTRL + P
api_creds.py
Tabs: OFF
File Edit View Run Help
Workspace
Databricks RealTime
1_realtime
2_realtime
3_realtime
api_creds.py
input_notebook
json_file.json
text_file.txt

```python
api_secret = "1234"
```

Create a py file

Manipulating Text File


Just now (7s)
2

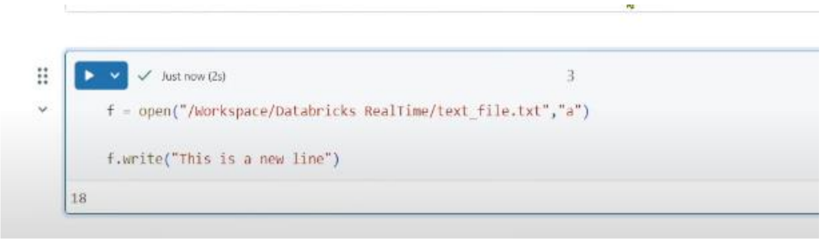
```python
f = open("/Workspace/Databricks RealTime/text_file.txt","r")

f.read()
```

```
'Hello, Ansh Lamba. I Love You'
```

Create a notebook

r means read mode

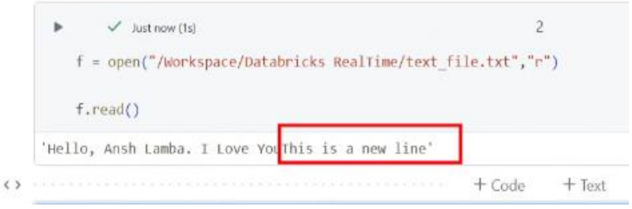
Writing new line in the file


Just now (2s)
3

```
f = open("/Workspace/Databricks RealTime/text_file.txt","a")

f.write("This is a new line")
```

```
18
```

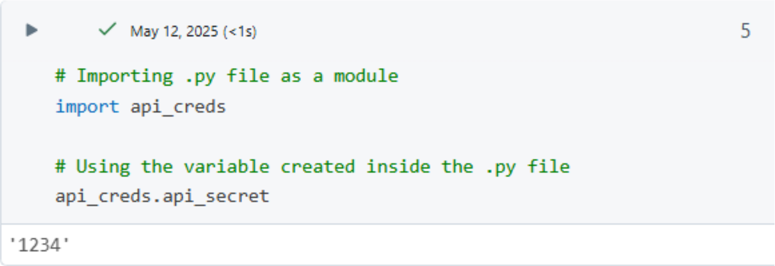
a means append


Just now (1s)
2
+ Code
+ Text

```
f = open("/Workspace/Databricks RealTime/text_file.txt","r")

f.read()
```

```
'Hello, Ansh Lamba. I Love YouThis is a new line'
```

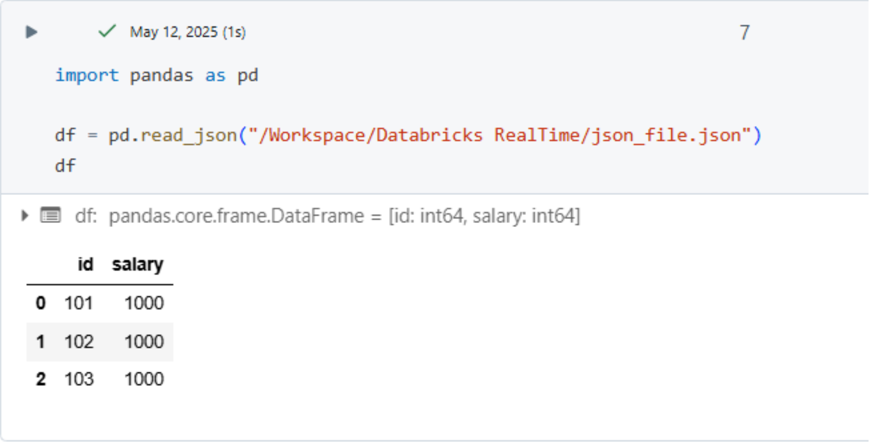
Reading Python File


May 12, 2025 (<1s)
5

```
# Importing .py file as a module
import api_creds

# Using the variable created inside the .py file
api_creds.api_secret
```

```
'1234'
```

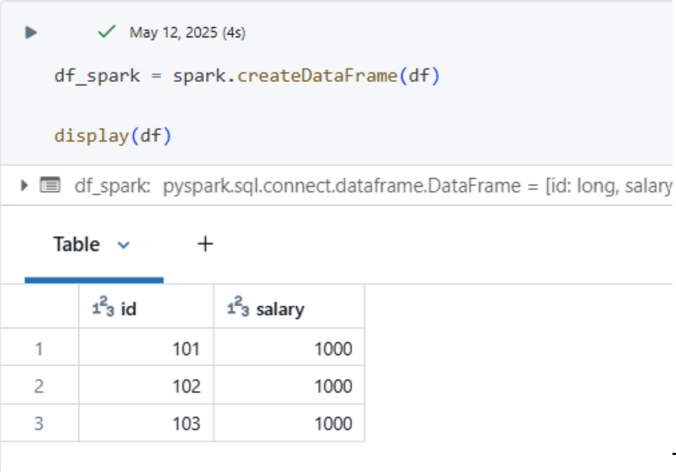
Reading JSON Data


May 12, 2025 (1s)
7

```
import pandas as pd

df = pd.read_json("/Workspace/Databricks RealTime/json_file.json")
df
```

df: pandas.core.frame.DataFrame = [id: int64, salary: int64]

	id	salary
0	101	1000
1	102	1000
2	103	1000



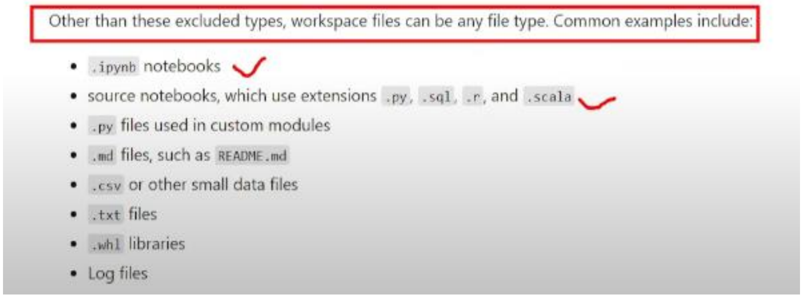
May 12, 2025 (4s)

```
df_spark = spark.createDataFrame(df)

display(df)
```

```
df_spark:  pyspark.sql.connect.dataframe.DataFrame = [id: long, salary
```

	id	salary
1	101	1000
2	102	1000
3	103	1000

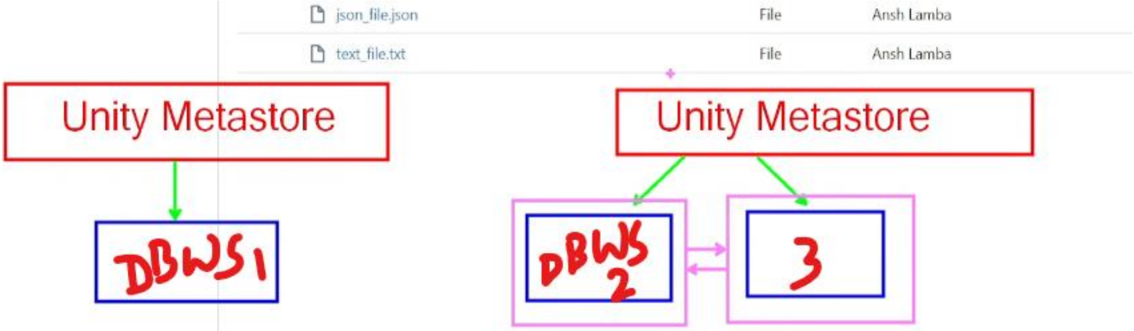
To convert into a dataframe



Other than these excluded types, workspace files can be any file type. Common examples include:

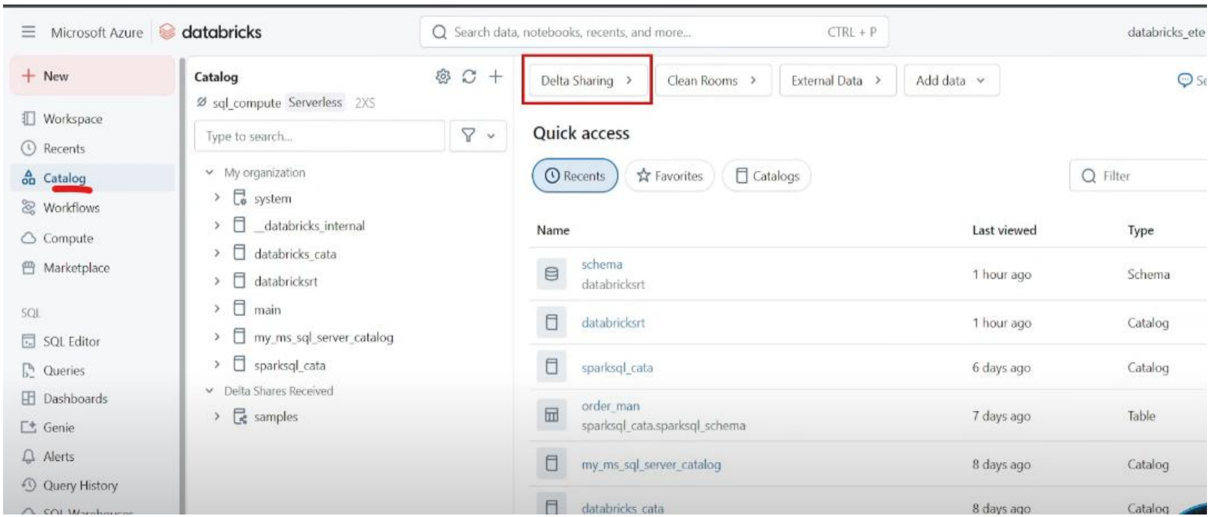
- `.ipynb` notebooks ✓
- source notebooks, which use extensions `.py`, `.sql`, `.r`, and `.scala` ✓
- `.py` files used in custom modules
- `.md` files, such as `README.md`
- `.csv` or other small data files
- `.txt` files
- `.whl` libraries
- Log files

Scenario-9 (Databricks Delta Sharing)

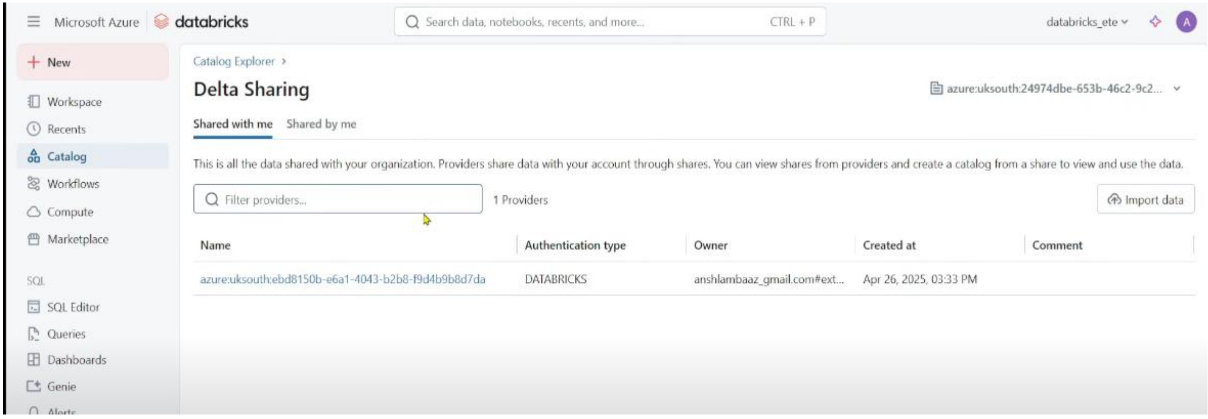

json_file.json File Ansh Lamba
text_file.txt File Ansh Lamba
Unity Metastore
DBWS1
Unity Metastore
DBWS 2
3

UM1 attached to WS1 while UM2 attached to WS2 and WS3, now catalogs in WS2 and WS3 can be shared among them as they are connected to same UM, now can I share catalogs of DBWS1 with DBWS 2 or 3? → Traditionally not possible.

But possible with Delta Sharing


Microsoft Azure
databricks
Search data, notebooks, recents, and more...
CTRL + P
databricks_ete
New
Workspace
Recents
Catalog
Workflows
Compute
Marketplace
SQL
SQL Editor
Queries
Dashboards
Genie
Alerts
Query History
Catalog
sql_compute Serverless 2XS
Type to search...
My organization
system
__databricks_internal
databricks_cata
databricksrt
main
my_ms_sql_server_catalog
sparksql_cata
Delta Shares Received
samples
Delta Sharing
Clean Rooms
External Data
Add data
Quick access
Recents
Favorites
Catalogs
Filter

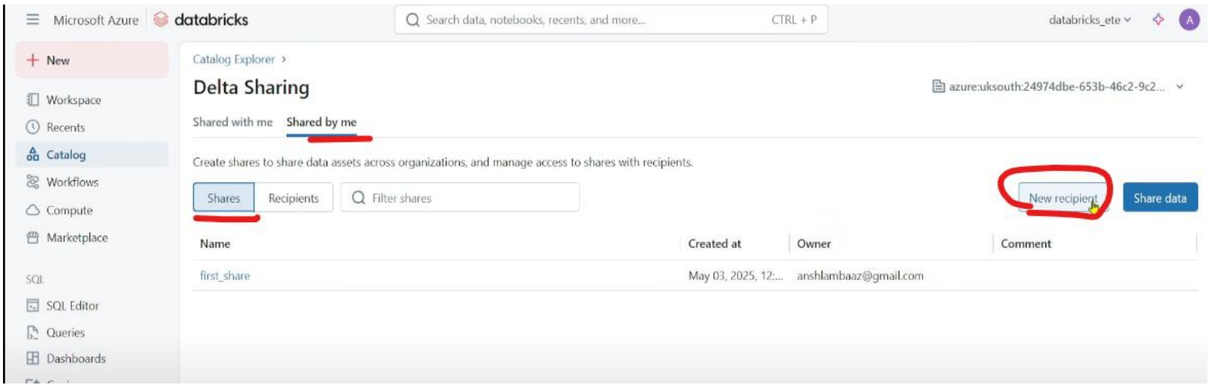
Name	Last viewed	Type
schema databricksrt	1 hour ago	Schema
databricksrt	1 hour ago	Catalog
sparksql_cata	6 days ago	Catalog
order_man sparksql_cata.sparksql_schema	7 days ago	Table
my_ms_sql_server_catalog	8 days ago	Catalog
databricks_cata	8 days ago	Catalog


Microsoft Azure
databricks
Search data, notebooks, recents, and more...
CTRL + P
databricks_ete
A
New
Workspace
Recents
Catalog
Workflows
Compute
Marketplace
SQL
SQL Editor
Queries
Dashboards
Genie
Catalog Explorer
Delta Sharing
azure:uksouth:24974dbe-653b-46c2-9c2...
Shared with me
Shared by me
Filter providers...
1 Providers
Import data

This is all the data shared with your organization. Providers share data with your account through shares. You can view shares from providers and create a catalog from a share to view and use the data.

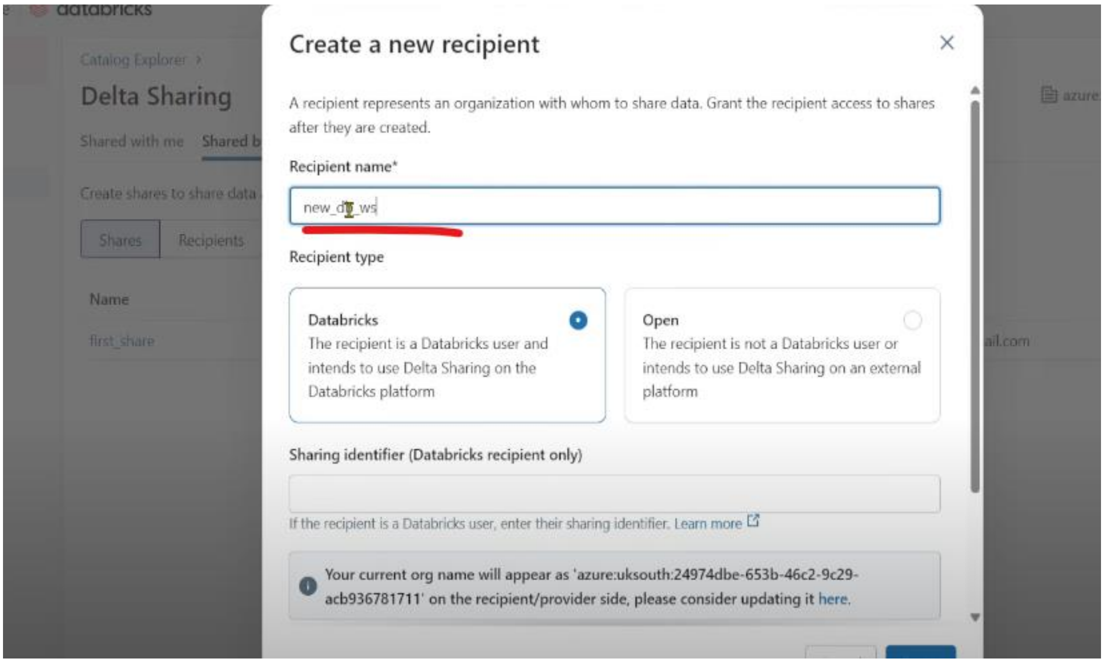
Name	Authentication type	Owner	Created at	Comment
azure:uksouth:ebd8150b-e6a1-4043-b2b8-f9d4b9b8d7da	DATABRICKS	anshlambaaz_gmail.com#ext...	Apr 26, 2025, 03:33 PM	

Catalogs → Delta Sharing → create New recipient


Microsoft Azure
databricks
Search data, notebooks, recents, and more...
CTRL + P
databricks_ete
A
New
Workspace
Recents
Catalog
Workflows
Compute
Marketplace
SQL
SQL Editor
Queries
Dashboards
Catalog Explorer
Delta Sharing
azure:uksouth:24974dbe-653b-46c2-9c2...
Shared with me
Shared by me
Shares
Recipients
Filter shares
New recipient
Share data

Create shares to share data assets across organizations, and manage access to shares with recipients.

Name	Created at	Owner	Comment
first_share	May 03, 2025, 12:...	anshlambaaz@gmail.com	



Create a new recipient

A recipient represents an organization with whom to share data. Grant the recipient access to shares after they are created.

Recipient name*: new_db_ws

Recipient type

● Databricks — The recipient is a Databricks user and intends to use Delta Sharing on the Databricks platform

○ Open — The recipient is not a Databricks user or intends to use Delta Sharing on an external platform

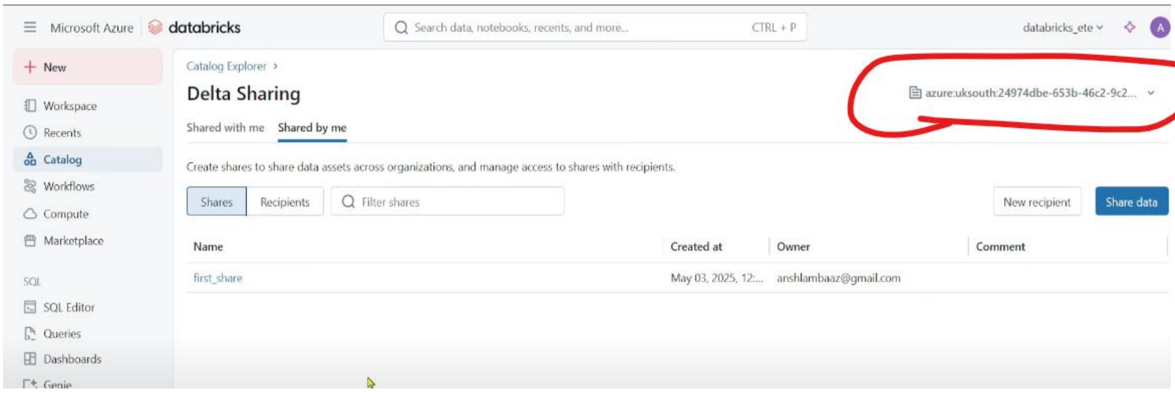
Sharing identifier (Databricks recipient only)

If the recipient is a Databricks user, enter their sharing identifier. Learn more

Your current org name will appear as 'azure:uksouth:24974dbe-653b-46c2-9c29-acb936781711' on the recipient/provider side, please consider updating it here.

databricks
Catalog Explorer ›
Delta Sharing
Shared with me
Shared b
Create shares to share data
Shares
Recipients
Name
first_share
azure
ail.com

Sharing identifier: go to other DB, copy highlighted and paste.



Catalog Explorer ›

Delta Sharing

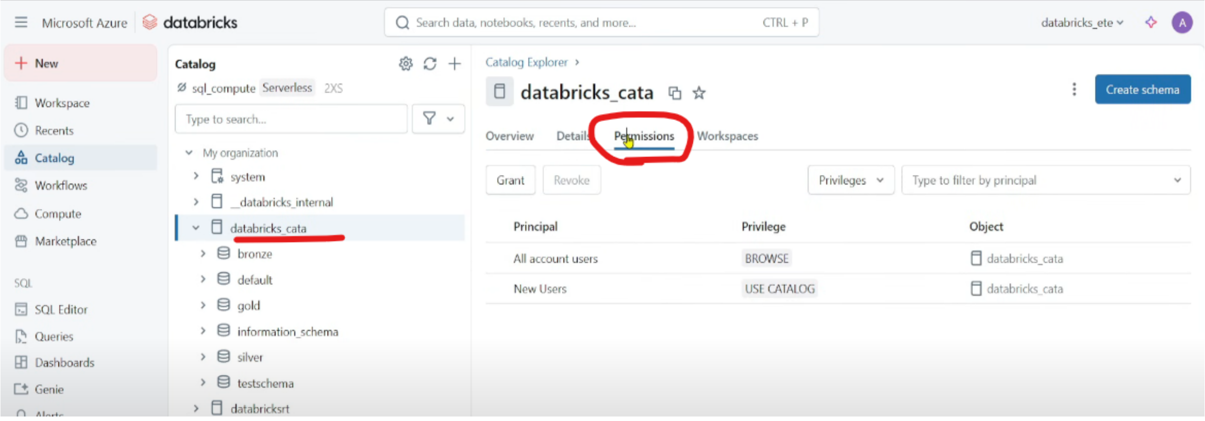
azure:uksouth:24974dbe-653b-46c2-9c2...

Create shares to share data assets across organizations, and manage access to shares with recipients.

Name	Created at	Owner	Comment
first_share	May 03, 2025, 12:...	anshlambaaz@gmail.com	

Microsoft Azure
databricks
Search data, notebooks, recents, and more...
CTRL + P
databricks_ete
New
Workspace
Recents
Catalog
Workflows
Compute
Marketplace
SQL
SQL Editor
Queries
Dashboards
Genie
Shared with me
Shared by me
Shares
Recipients
Filter shares
New recipient
Share data

But that user cant use the catalog → have to grant permissions

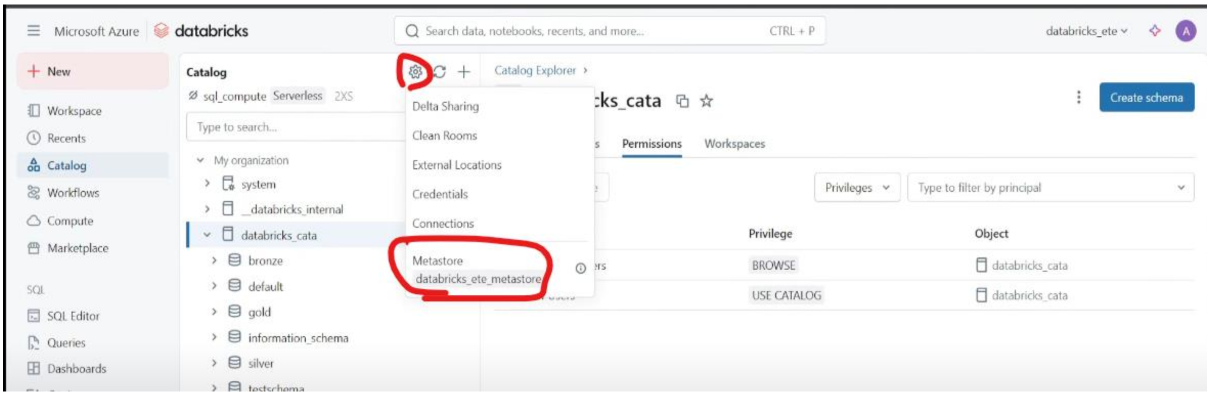


Catalog Explorer ›

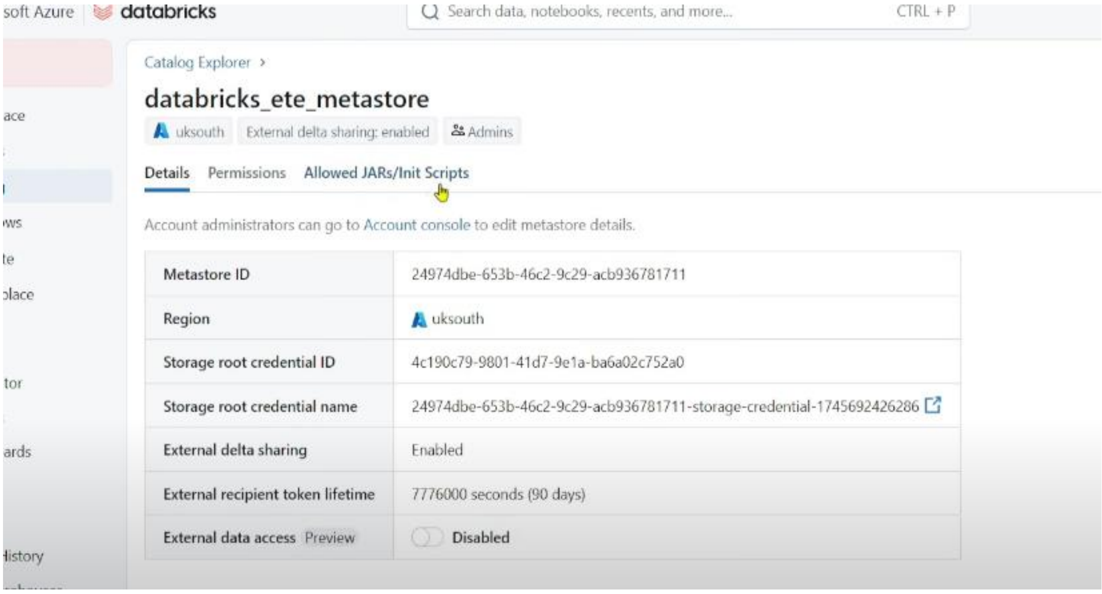
databricks_cata

Principal	Privilege	Object
All account users	BROWSE	databricks_cata
New Users	USE CATALOG	databricks_cata

Microsoft Azure
databricks
Search data, notebooks, recents, and more...
CTRL + P
databricks_ete
New
Workspace
Recents
Catalog
Workflows
Compute
Marketplace
SQL
SQL Editor
Queries
Dashboards
Genie
Catalog
sql_compute Serverless 2XS
Type to search...
My organization
system
__databricks_internal
databricks_cata
bronze
default
gold
information_schema
silver
testschema
databricksrt
Create schema
Overview
Details
Permissions
Workspaces
Grant
Revoke
Privileges
Type to filter by principal


Microsoft Azure
databricks
Search data, notebooks, recents, and more...
CTRL + P
databricks_ete
New
Workspace
Recents
Catalog
Workflows
Compute
Marketplace
SQL
SQL Editor
Queries
Dashboards
Catalog
sql_compute Serverless 2XS
Type to search...
My organization
system
__databricks_internal
databricks_cata
bronze
default
gold
information_schema
silver
testschema
Delta Sharing
Clean Rooms
External Locations
Credentials
Connections
Metastore
databricks_ete_metastore
Catalog Explorer
cks_cata
Create schema
Permissions
Workspaces
Privileges
Type to filter by principal
Privilege
Object
BROWSE
databricks_cata
USE CATALOG
databricks_cata

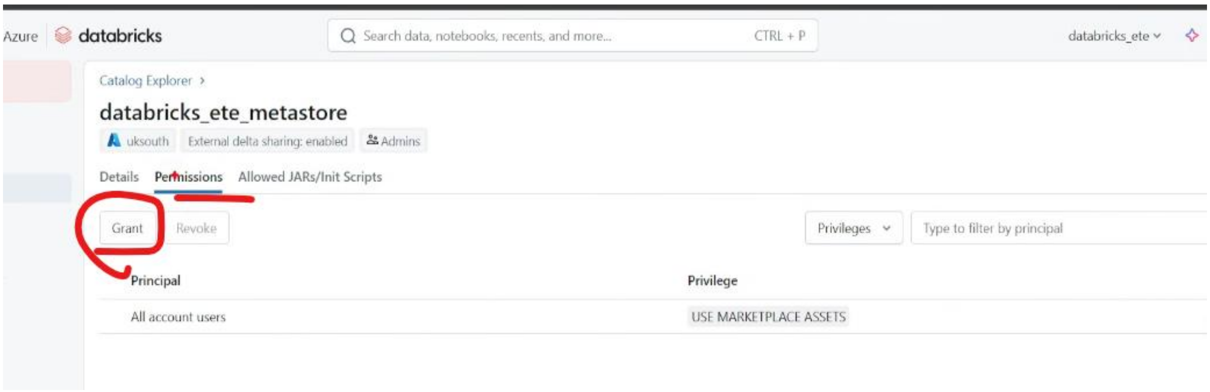
Click on the metastore(the catalog is attached to this metastore)


soft Azure
databricks
Search data, notebooks, recents, and more...
CTRL + P
Catalog Explorer
uksouth
External delta sharing: enabled
Admins
Details
Permissions
Allowed JARs/Init Scripts

databricks_ete_metastore

Account administrators can go to Account console to edit metastore details.

Metastore ID	24974dbe-653b-46c2-9c29-acb936781711
Region	uksouth
Storage root credential ID	4c190c79-9801-41d7-9e1a-ba6a02c752a0
Storage root credential name	24974dbe-653b-46c2-9c29-acb936781711-storage-credential-1745692426286
External delta sharing	Enabled
External recipient token lifetime	7776000 seconds (90 days)
External data access Preview	Disabled

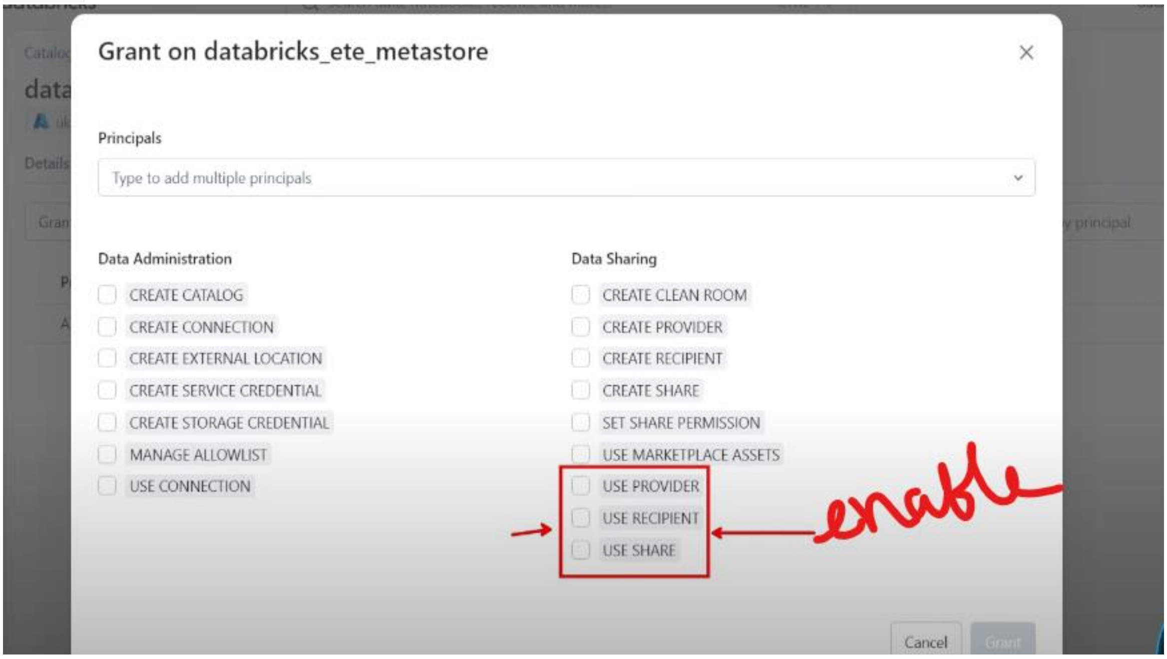


Azure
databricks
Search data, notebooks, recents, and more...
CTRL + P
databricks_ete
Catalog Explorer ›

databricks_ete_metastore

uksouth
External delta sharing: enabled
Admins
Details
Permissions
Allowed JARs/Init Scripts
Grant
Revoke
Privileges
Type to filter by principal

Principal	Privilege
All account users	USE MARKETPLACE ASSETS



Grant on databricks_ete_metastore

Principals
Type to add multiple principals

Data Administration

- ☐ CREATE CATALOG
- ☐ CREATE CONNECTION
- ☐ CREATE EXTERNAL LOCATION
- ☐ CREATE SERVICE CREDENTIAL
- ☐ CREATE STORAGE CREDENTIAL
- ☐ MANAGE ALLOWLIST
- ☐ USE CONNECTION

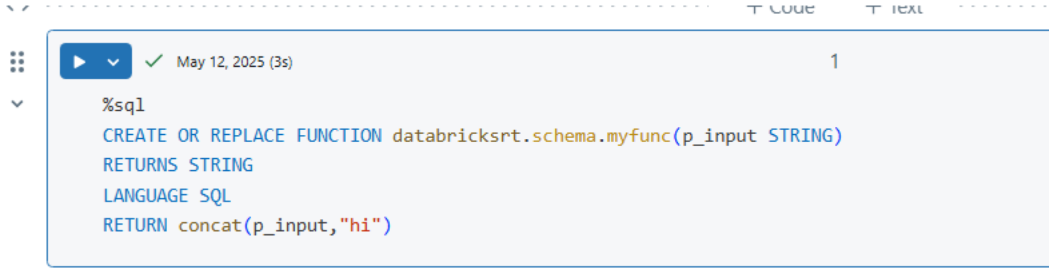
Data Sharing

- ☐ CREATE CLEAN ROOM
- ☐ CREATE PROVIDER
- ☐ CREATE RECIPIENT
- ☐ CREATE SHARE
- ☐ SET SHARE PERMISSION
- ☐ USE MARKETPLACE ASSETS
- ☐ USE PROVIDER
- ☐ USE RECIPIENT
- ☐ USE SHARE

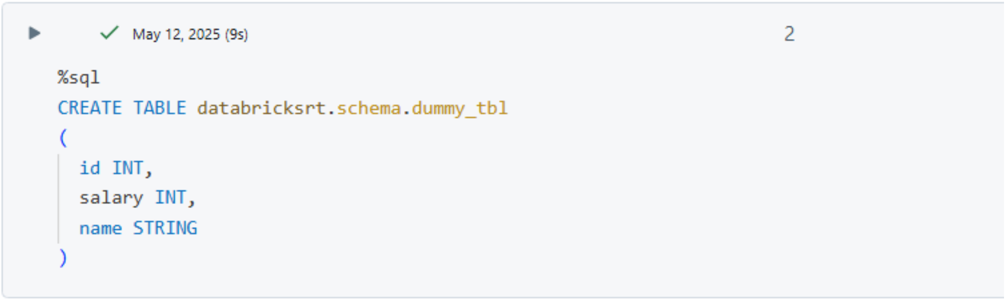
enable

Cancel
Grant

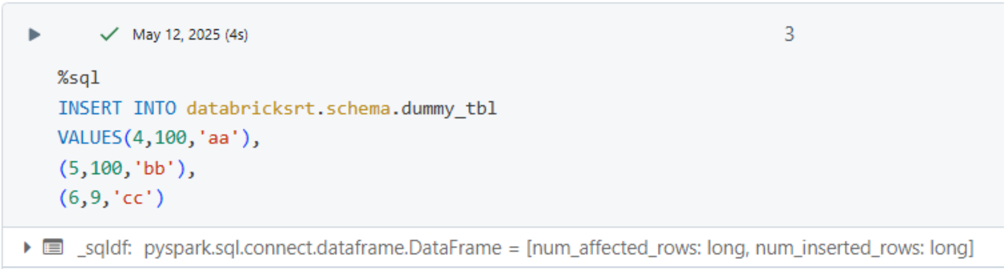
Scenario-10 (Functions)


+ Code
+ Text
May 12, 2025 (3s)
1

```
%sql
CREATE OR REPLACE FUNCTION databricksrt.schema.myfunc(p_input STRING)
RETURNS STRING
LANGUAGE SQL
RETURN concat(p_input,"hi")
```

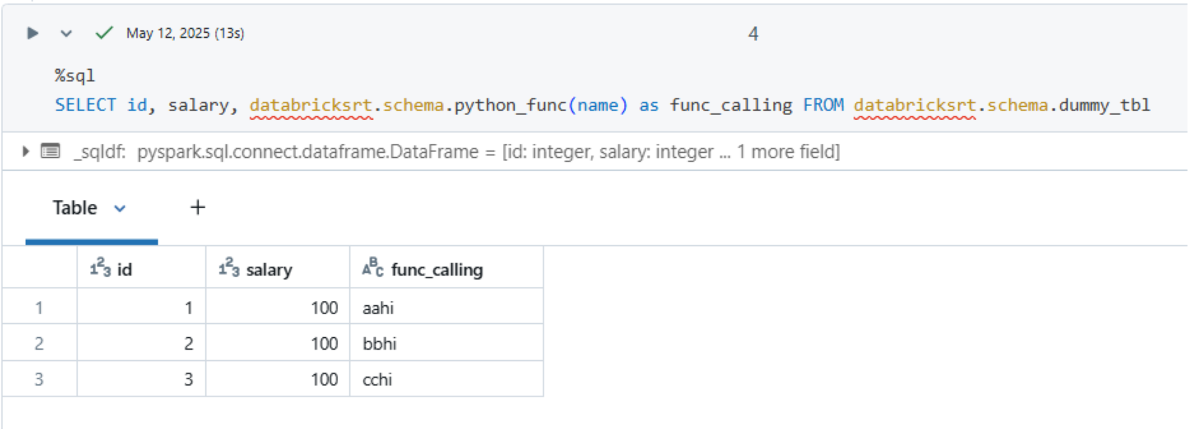

May 12, 2025 (9s)
2

```
%sql
CREATE TABLE databricksrt.schema.dummy_tbl
(
  id INT,
  salary INT,
  name STRING
)
```


May 12, 2025 (4s)
3

```
%sql
INSERT INTO databricksrt.schema.dummy_tbl
VALUES(4,100,'aa'),
(5,100,'bb'),
(6,9,'cc')
```

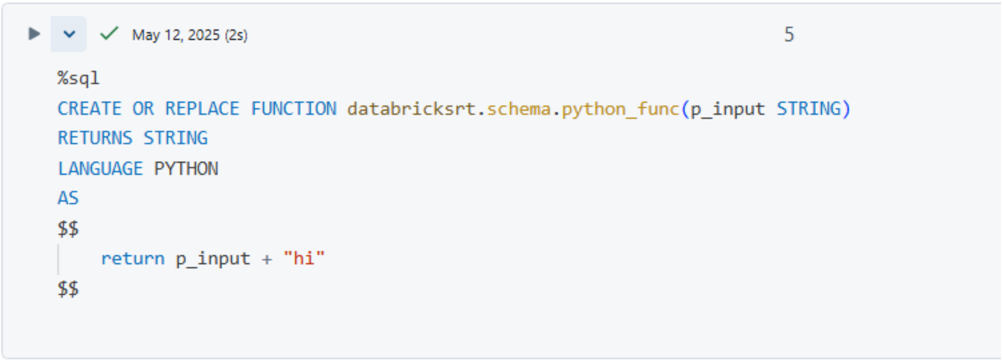
```
_sqldf:  pyspark.sql.connect.dataframe.DataFrame = [num_affected_rows: long, num_inserted_rows: long]
```


May 12, 2025 (13s)
4
Table
+

```
%sql
SELECT id, salary, databricksrt.schema.python_func(name) as func_calling FROM databricksrt.schema.dummy_tbl
```

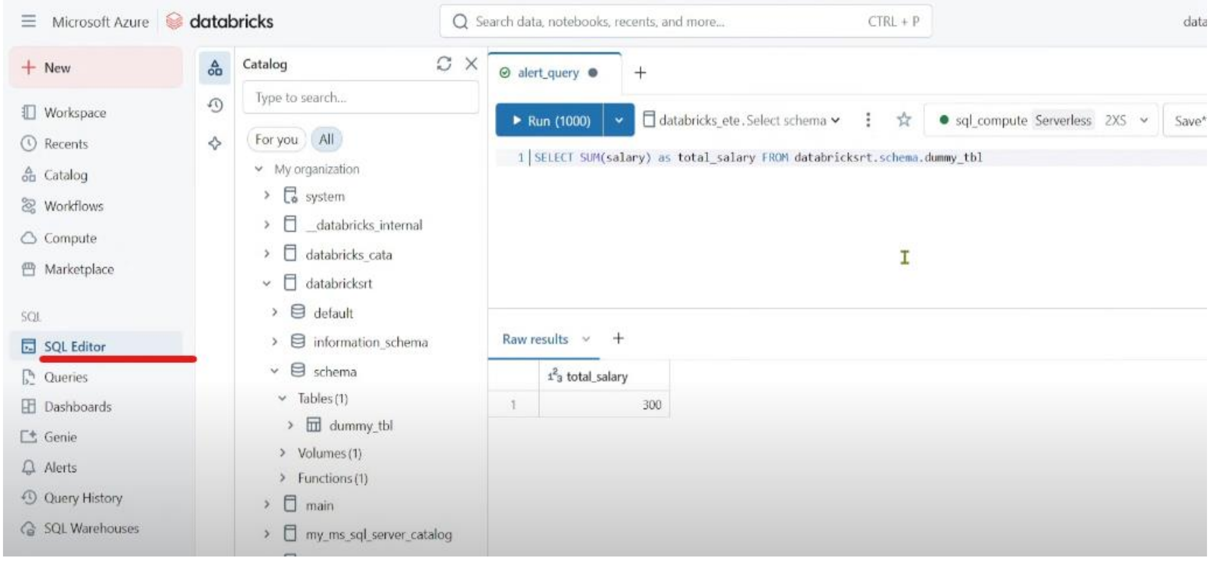
```
_sqldf:  pyspark.sql.connect.dataframe.DataFrame = [id: integer, salary: integer ... 1 more field]
```

	id	salary	func_calling
1	1	100	aahi
2	2	100	bbhi
3	3	100	cchi


May 12, 2025 (2s)
5

```
%sql
CREATE OR REPLACE FUNCTION databricksrt.schema.python_func(p_input STRING)
RETURNS STRING
LANGUAGE PYTHON
AS
$$
    return p_input + "hi"
$$
```

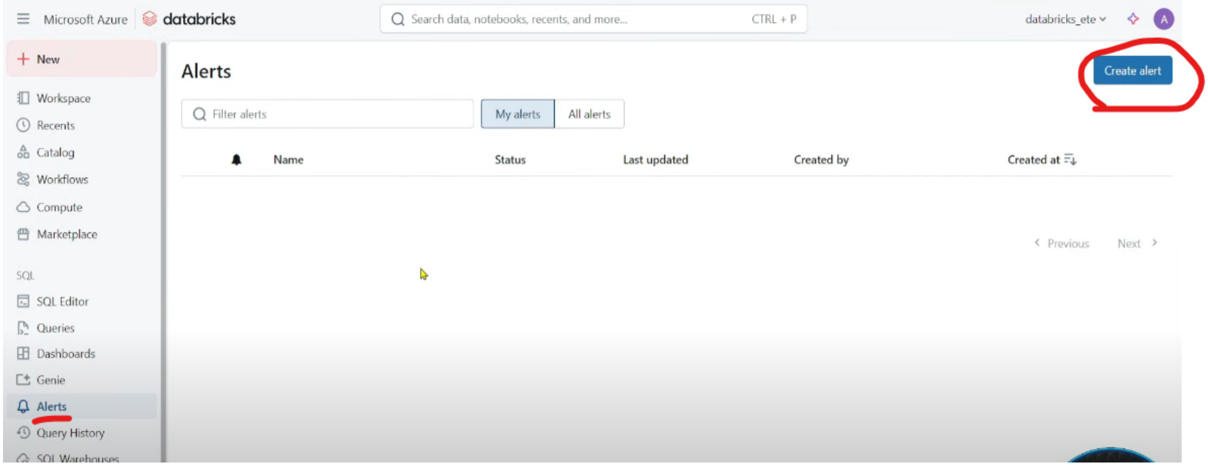
Scenario-11 (Monitoring & Alerts)

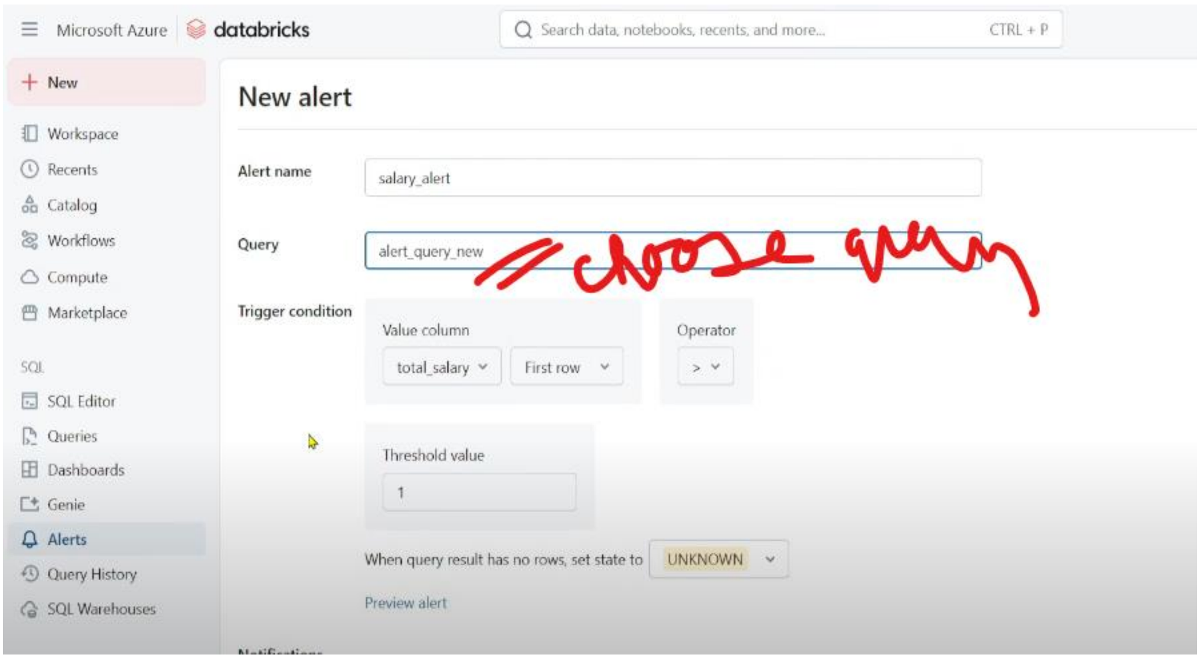

Microsoft Azure
databricks
Search data, notebooks, recents, and more...
CTRL + P
New
Workspace
Recents
Catalog
Workflows
Compute
Marketplace
SQL
SQL Editor
Queries
Dashboards
Genie
Alerts
Query History
SQL Warehouses
Catalog
Type to search...
For you
All
My organization
system
__databricks_internal
databricks_cata
databricksrt
default
information_schema
schema
Tables (1)
dummy_tbl
Volumes (1)
Functions (1)
main
my_ms_sql_server_catalog
alert_query
Run (1000)
databricks_ete . Select schema
sql_compute Serverless 2XS
Save*
Raw results

```
SELECT SUM(salary) as total_salary FROM databricksrt.schema.dummy_tbl
```

	total_salary
1	300

Save the query as alert_query_new


Microsoft Azure
databricks
Search data, notebooks, recents, and more...
CTRL + P
databricks_ete
New
Workspace
Recents
Catalog
Workflows
Compute
Marketplace
SQL
SQL Editor
Queries
Dashboards
Genie
Alerts
Query History
SQL Warehouses
Alerts
Create alert
Filter alerts
My alerts
All alerts
Name
Status
Last updated
Created by
Created at
Previous
Next


Microsoft Azure
databricks
Search data, notebooks, recents, and more...
CTRL + P
New
Workspace
Recents
Catalog
Workflows
Compute
Marketplace
SQL
SQL Editor
Queries
Dashboards
Genie
Alerts
Query History
SQL Warehouses
choose query

New alert

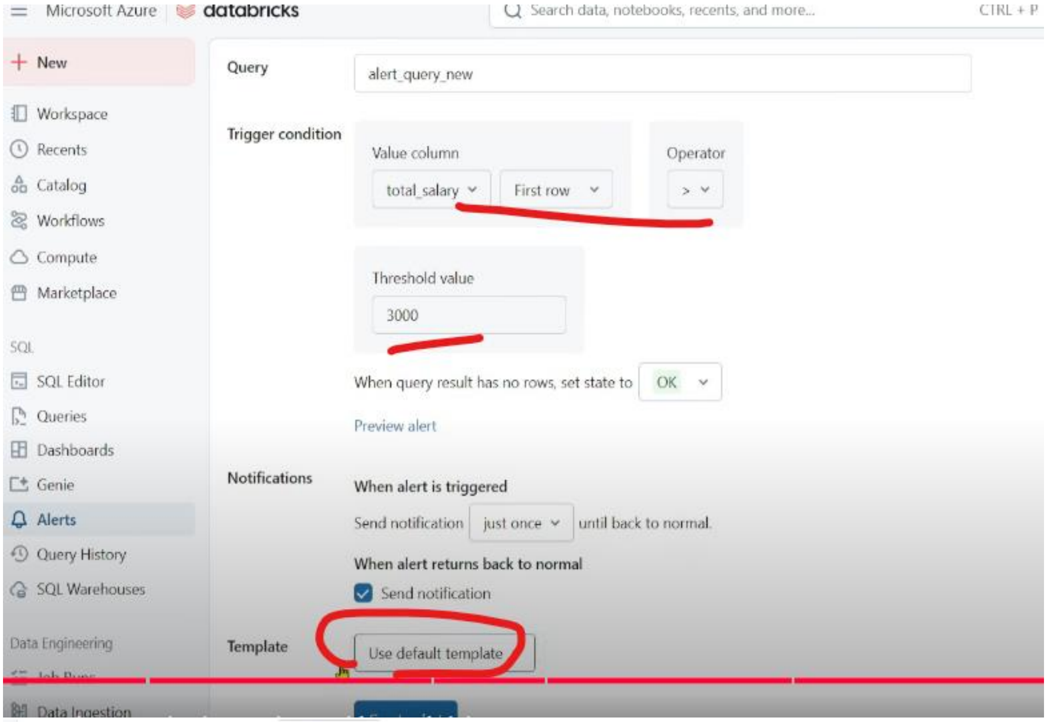
Alert name: salary_alert

Query: alert_query_new

Trigger condition:
Value column: total_salary, First row
Operator: >
Threshold value: 1

When query result has no rows, set state to UNKNOWN

Preview alert


Microsoft Azure
databricks
Search data, notebooks, recents, and more...
CTRL + P
New
Workspace
Recents
Catalog
Workflows
Compute
Marketplace
SQL
SQL Editor
Queries
Dashboards
Genie
Alerts
Query History
SQL Warehouses
Data Engineering
Job Runs
Data Ingestion

Query: alert_query_new

Trigger condition

Value column: total_salary, First row

Operator: >

Threshold value: 3000

When query result has no rows, set state to OK

Preview alert

Notifications

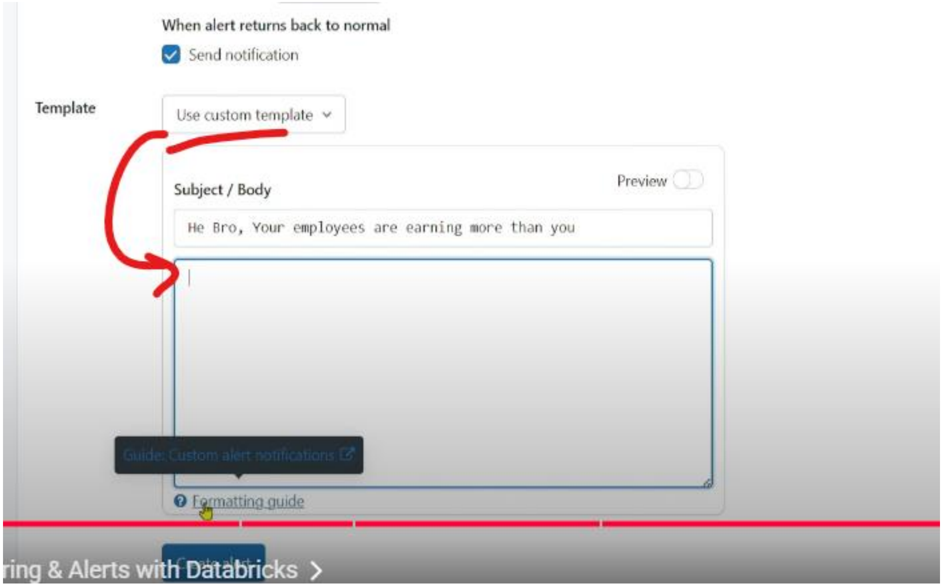
When alert is triggered

Send notification just once until back to normal.

When alert returns back to normal

☑ Send notification

Template: Use default template



When alert returns back to normal

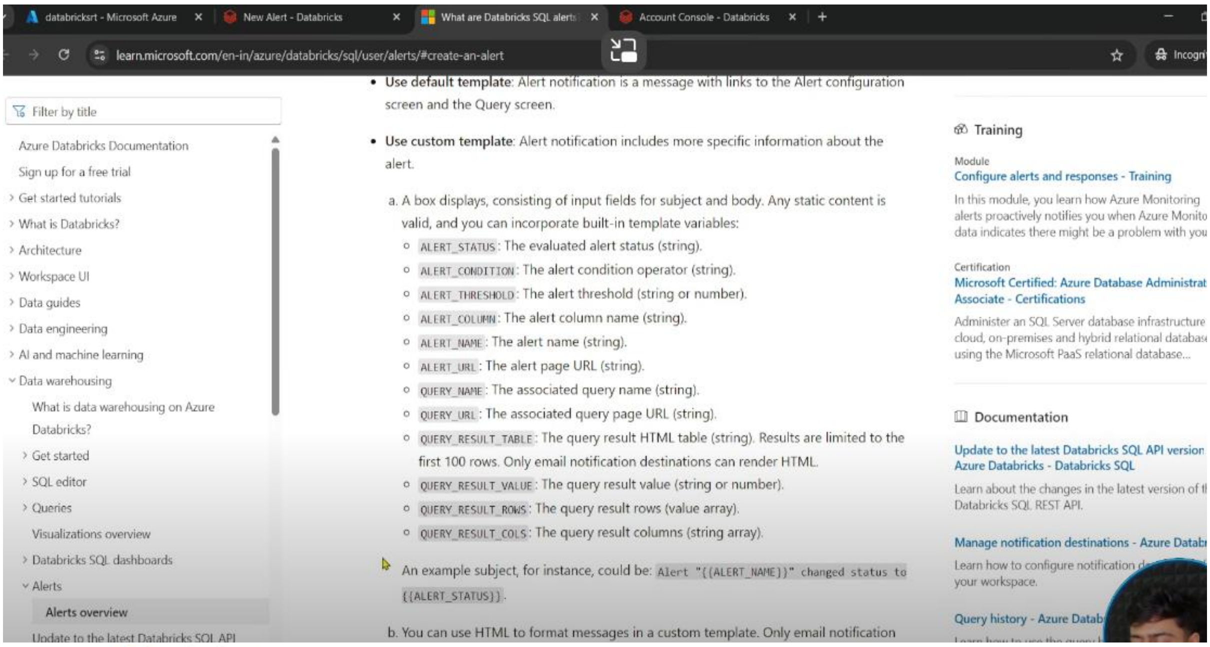
☑ Send notification

Template: Use custom template

Subject / Body

```
He Bro, Your employees are earning more than you
```

Preview
Guide: Custom alert notifications
Formatting guide
ring & Alerts with Databricks >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New Alert - Databricks
What are Databricks SQL alerts
Account Console - Databricks
learn.microsoft.com/en-in/azure/databricks/sql/user/alerts/#create-an-alert
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Alerts overview
Update to the latest Databricks SQL API

- **Use default template**: Alert notification is a message with links to the Alert configuration screen and the Query screen.
- **Use custom template**: Alert notification includes more specific information about the alert.

  a. A box displays, consisting of input fields for subject and body. Any static content is valid, and you can incorporate built-in template variables:
  - `ALERT_STATUS`: The evaluated alert status (string).
  - `ALERT_CONDITION`: The alert condition operator (string).
  - `ALERT_THRESHOLD`: The alert threshold (string or number).
  - `ALERT_COLUMN`: The alert column name (string).
  - `ALERT_NAME`: The alert name (string).
  - `ALERT_URL`: The alert page URL (string).
  - `QUERY_NAME`: The associated query name (string).
  - `QUERY_URL`: The associated query page URL (string).
  - `QUERY_RESULT_TABLE`: The query result HTML table (string). Results are limited to the first 100 rows. Only email notification destinations can render HTML.
  - `QUERY_RESULT_VALUE`: The query result value (string or number).
  - `QUERY_RESULT_ROWS`: The query result rows (value array).
  - `QUERY_RESULT_COLS`: The query result columns (string array).

  An example subject, for instance, could be: `Alert "{{ALERT_NAME}}" changed status to {{ALERT_STATUS}}`.

  b. You can use HTML to format messages in a custom template. Only email notification

Training

Module
Configure alerts and responses - Training

In this module, you learn how Azure Monitoring alerts proactively notifies you when Azure Monito data indicates there might be a problem with you

Certification
Microsoft Certified: Azure Database Administrat Associate - Certifications

Administer an SQL Server database infrastructure cloud, on-premises and hybrid relational databas using the Microsoft PaaS relational database...

Documentation

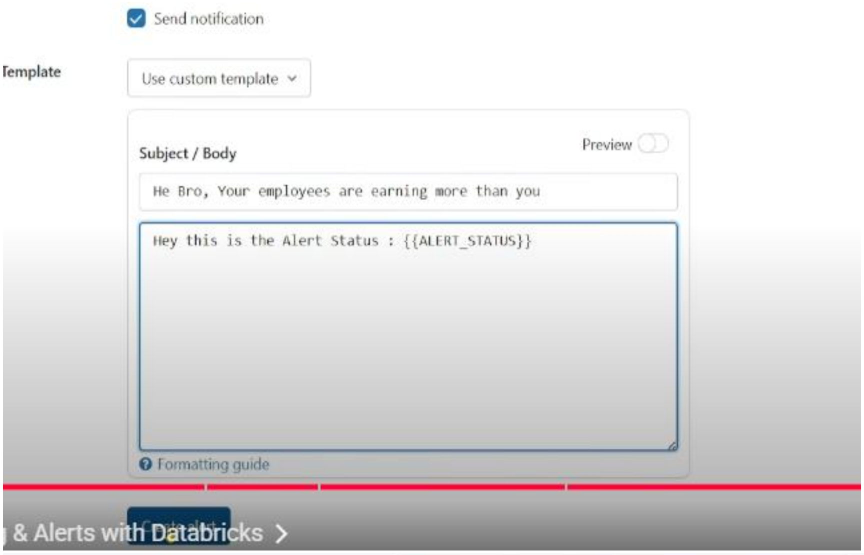
Update to the latest Databricks SQL API version Azure Databricks - Databricks SQL

Learn about the changes in the latest version of t Databricks SQL REST API.

Manage notification destinations - Azure Datab

Learn how to configure notification d your workspace.

Query history - Azure Datab



☑ Send notification

Template: Use custom template

Subject / Body

Preview

```
He Bro, Your employees are earning more than you
```

```
Hey this is the Alert Status : {{ALERT_STATUS}}
```

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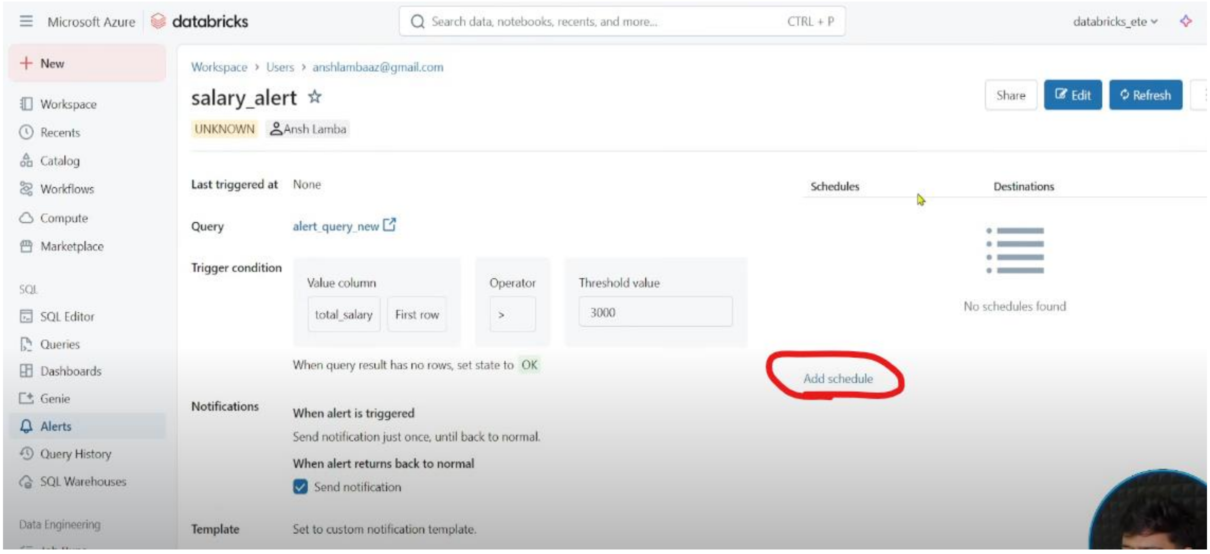
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Alerts
Query History
SQL Warehouses
Data Engineering
Share
Edit
Refresh

Workspace > Users > anshlambaaz@gmail.com

salary_alert ☆

UNKNOWN Ansh Lamba

Last triggered at: None

Query: alert_query_new

Trigger condition:

Value column		Operator	Threshold value
total_salary	First row	>	3000

When query result has no rows, set state to OK

Notifications:

When alert is triggered
Send notification just once, until back to normal.

When alert returns back to normal
☑ Send notification

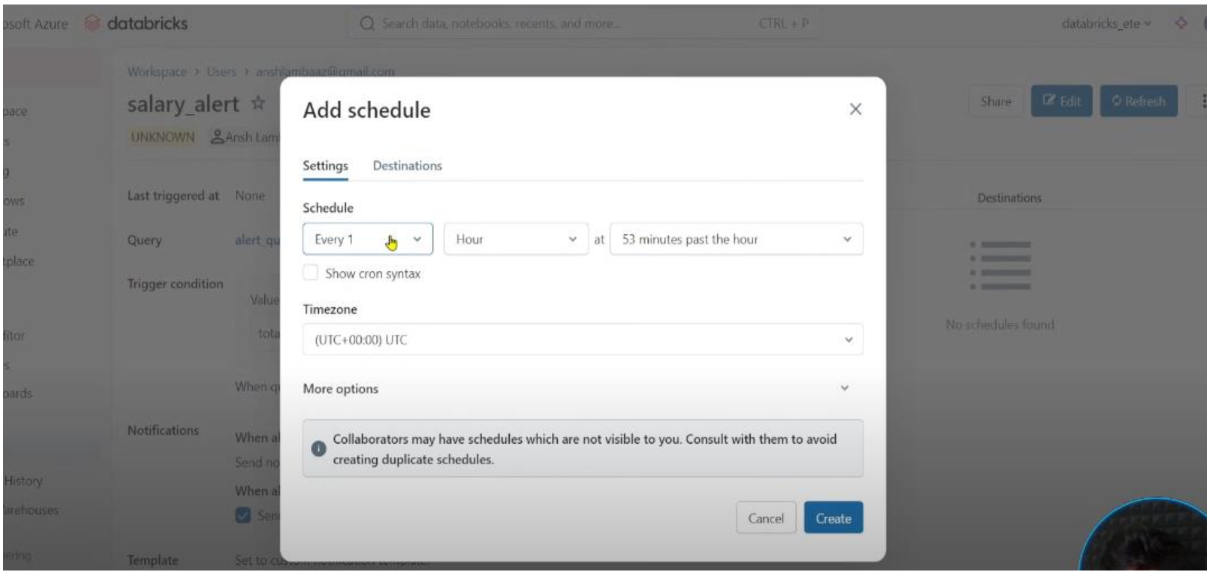
Template: Set to custom notification template.

Schedules

Destinations

No schedules found

Add schedule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salary_alert
UNKNOWN
Ansh Lam
Share
Edit
Refresh
Destinations
No schedules found
Last triggered at
None
Query
Trigger condition
Notifications
Template

Add schedule

Settings | Destinations

Schedule: Every 1 · Hour · at 53 minutes past the hour

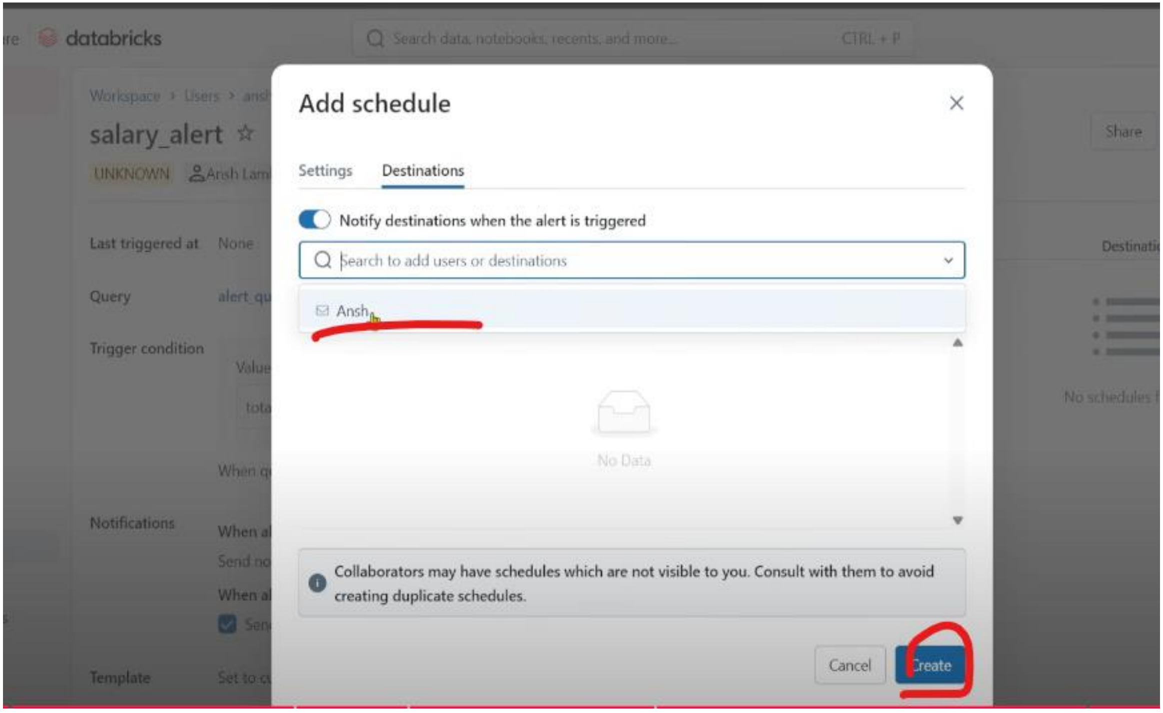
☐ Show cron syntax

Timezone: (UTC+00:00) UTC

More options

Collaborators may have schedules which are not visible to you. Consult with them to avoid creating duplicate schedules.

Cancel
Create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Share
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No schedules f
Last triggered at
None
Query
Trigger condition
Notifications
Template

Add schedule

Settings | Destinations

Notify destinations when the alert is triggered (on)

Search to add users or destinations

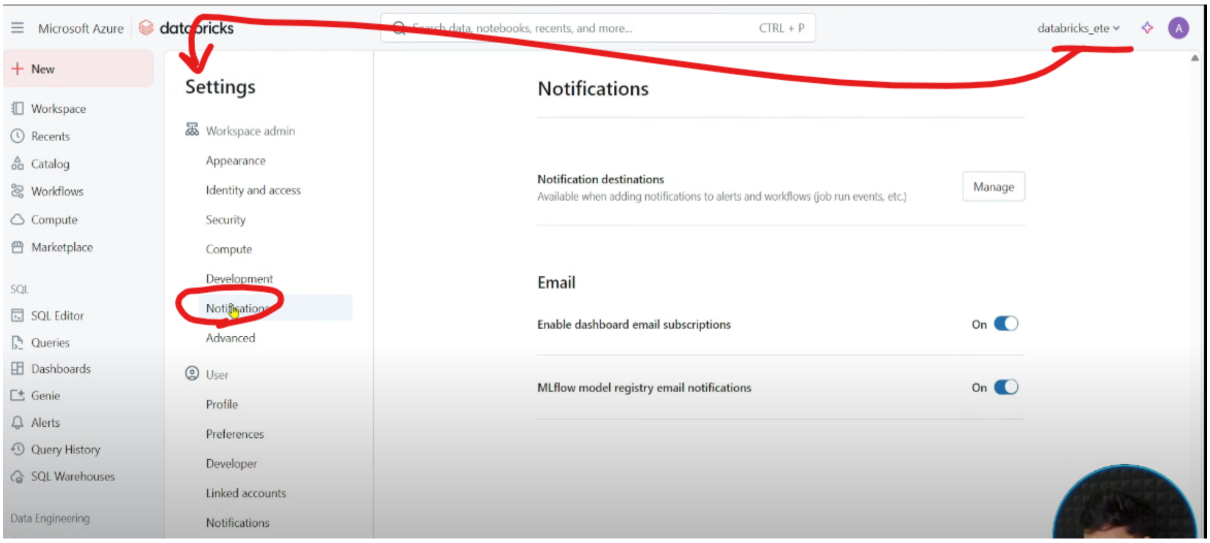
Ansh

No Data

Collaborators may have schedules which are not visible to you. Consult with them to avoid creating duplicate schedules.

Cancel
Create

If destination is not there by default, create one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Appearance
Identity and access
Security
Compute
Development
Notifications
Advanced
User
Profile
Preferences
Developer
Linked accounts
Notifications

Notifications

Notification destinations
Available when adding notifications to alerts and workflows (job run events, etc.)

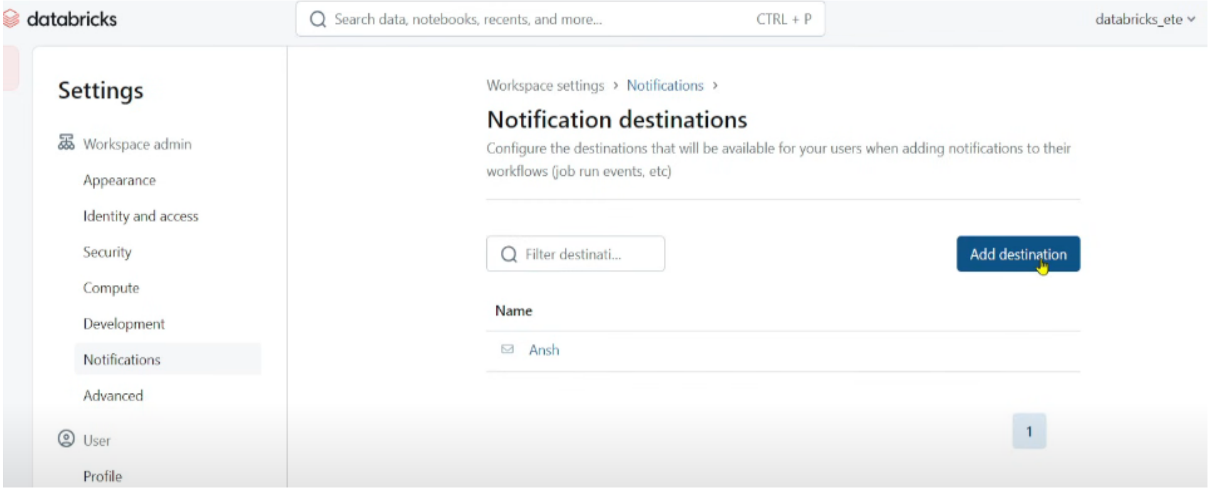
Manage

Email

Enable dashboard email subscriptions: On

MLflow model registry email notifications: On

Manage → Add destination (email id)



Workspace settings › Notifications ›

Notification destinations

Configure the destinations that will be available for your users when adding notifications to their workflows (job run events, etc)

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Name
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