

Create azure databricks resource

The screenshot shows the Microsoft Azure Marketplace interface. At the top, there's a search bar with 'databricks' entered. Below the search bar, there's a filter section with tabs for 'Pricing: All', 'Operating System: All', 'Publisher Type: All', 'Product Type: All', and 'Publisher name: All'. A 'View suggestions' button is also visible. The main area displays a grid of search results for 'databricks'. The first result is 'Azure Databricks' by Microsoft, which is highlighted. Other results include 'Lakehouse Optimizer for Azure Databricks', 'Access Connector for Azure Databricks', 'Unravel for Azure Databricks (PayGo)', 'Strim for Databricks', 'Unravel for Azure Databricks', 'Infoworks for Databricks', 'Datometry Hyper-Q for', 'EZConvertETL Informatica to', 'Sela', 'WADE', 'WADE Insight', 'MLOps Accelerator', 'AtScale', and 'Health Catalyst Ignite'. Each result card shows the product name, publisher, a brief description, and a 'Create' or 'Subscribe' button.

The screenshot shows the Microsoft Azure Marketplace page for 'Azure Databricks'. The page header includes the Microsoft Azure logo, a search bar, and a 'Copilot' button. The breadcrumb trail is 'Home > All resources > Create a resource > Marketplace > Azure Databricks'. The main content area features the 'Azure Databricks' product card, which includes the Microsoft logo, the product name, a heart icon to 'Add to Favorites', and a star rating of 4.5 (397 ratings). Below the product card, there's a 'Plan' section with a dropdown menu showing 'Azure Databricks' and a 'Create' button. The page also has tabs for 'Overview', 'Plans', 'Usage Information + Support', and 'Ratings + Reviews'. The 'Overview' tab is selected, showing a description of the product: 'Fast, easy, and collaborative Apache Spark-based analytics platform'. The description highlights the platform's ability to accelerate innovation by enabling data science with a high-performance analytics platform optimized for Azure. It also mentions the platform's security features, including Microsoft Entra ID integration and role-based controls. The 'Media' section is visible at the bottom of the page.

[Home](#) > [All resources](#) > [Create a resource](#) > [Marketplace](#) > [Azure Databricks](#) >

Create an Azure Databricks workspace ...

[Basics](#) [Networking](#) [Encryption](#) [Security & compliance](#) [Tags](#) [Review + create](#)

Project Details

Select the subscription to manage deployed resources and costs. Use resource groups like folders to organize and manage all your resources.

Subscription * ⓘ	<input type="text" value="Azure subscription 1"/>
Resource group * ⓘ	<input type="text" value="Demo-RG"/>

[Create new](#)

Instance Details

Workspace name *	<input type="text" value="databricksworkspace10010"/>
Region *	<input type="text" value="Central India"/>
Pricing Tier * ⓘ	<input type="text" value="Trial (Premium - 14-Days Free DBUs)"/>
Managed Resource Group name	<input type="text" value="Enter name for managed resource group"/>

[Review + create](#)[< Previous](#)[Next : Networking >](#)

Home > All resources > Create a resource > Marketplace > Azure Databricks >

Create an Azure Databricks workspace ...

✓ Validation Succeeded

Basics Networking Encryption Security & compliance Tags **Review + create**

Summary

Basics

Workspace name	databricksworkspace10010
Subscription	Azure subscription 1
Resource group	Demo-RG
Region	Central India
Pricing Tier	trial
Managed Resource Group name	

Networking

Deploy Azure Databricks workspace with Secure Cluster Connectivity (No Public IP)	No
Deploy Azure Databricks workspace in your own Virtual Network (VNet)	No

Encryption

Enable Infrastructure Encryption	No
Enable CMK for Managed Disks	No
Enable CMK for Managed Services	No

Create

< Previous

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Microsoft Azure

Search resources, services, and docs (G+/I)

Copilot

Manohar Oberoi@cloud...
CLOUDHUB.BC CLOUDHUB.BC

Home >

Demo-RG_databricksworkspace10010 | Overview

Deployment

Search

Delete

Cancel

Redeploy

Download

Refresh

Overview

Inputs

Outputs

Template

✓ Your deployment is complete

Deployment name : Demo-RG_databricksworkspace10010

Subscription : Azure subscription 1

Resource group : Demo-RG

Start time : 2/4/2025, 7:11:52 PM

Correlation ID : 0fe663c1-1b94-4424-96ca-9273e47a2b2c

> Deployment details

> Next steps

Go to resource

Give feedback

Tell us about your experience with deployment

Cost management

Get notified to stay within your budget and prevent unexpected charges on your bill.

Set up cost alerts >

Microsoft Defender for Cloud

Secure your apps and infrastructure

Go to Microsoft Defender for Cloud >

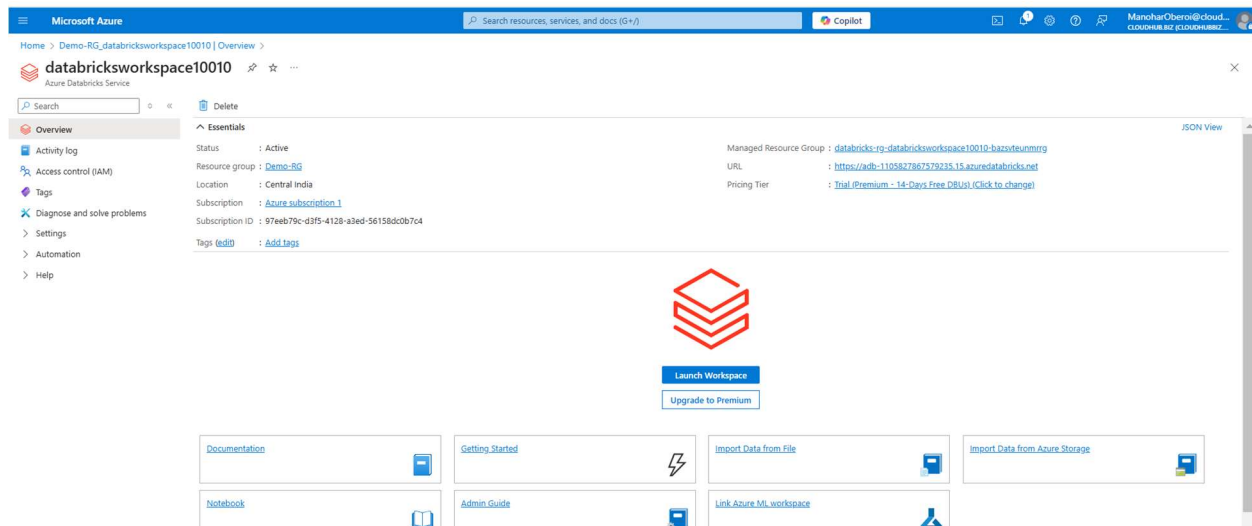
Free Microsoft tutorials

Start learning today >

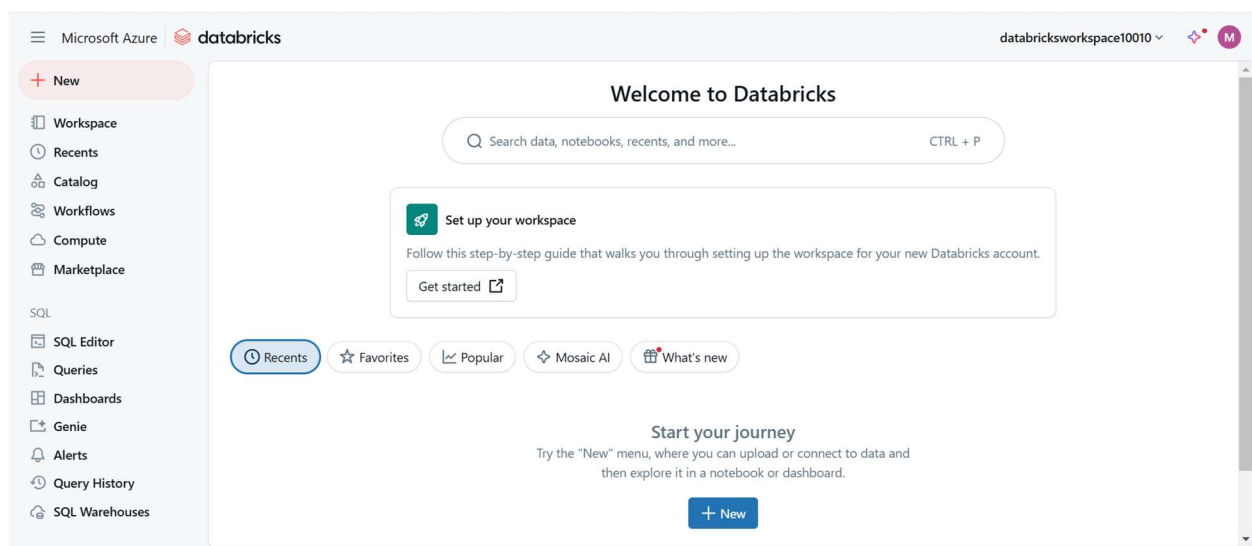
Work with an expert

Azure experts are service provider partners who can help manage your assets on Azure and be your first line of support.

Find an Azure expert >



Launch workspace



Create a compute cluster

Microsoft Azure databricks Search data, notebooks, recents, and more... CTRL + P databricksworkspace10010

+ New

- Workspace
- Recents
- Catalog
- Workflows
- Compute
- Marketplace

SQL

- SQL Editor
- Queries
- Dashboards
- Genie
- Alerts
- Query History
- SQL Warehouses

Compute

All-purpose compute Job compute SQL warehouses Vector Search Pools

Filter compute you ... Created by Only pinned Create with Personal Compute Create compute

State	Name	Policy	Runtime	Active ...	Active c...	Active ...	Source	Creator	Notebo...
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+ No compute

Create compute to run workloads from your notebooks and jobs. Learn more about best practices for compute configuration

Create compute

Microsoft Azure databricks Search data, notebooks, recents, and more... CTRL + P databricksworkspace10010

+ New

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Compute > New compute

Data Cluster

Access mode Single user access

Single user Manohar Oberoi

Performance

Databricks runtime version Runtime: 15.4 LTS (Scala 2.12, Spark 3.5.0)

☒ Use Photon Acceleration

Node type Standard_DS3_v2 14 GB Memory, 4 Cores

☒ Terminate after 120 minutes of inactivity

Tags

Create compute Cancel

https://adb-110582786757923515.azuredatabricks.net/?o=11058278675792...

Wait for the cluster to finish creating

Microsoft Azure databricks

Search data, notebooks, recents, and more...

Session restored

Compute

Data Cluster

Configuration Notebooks (0) Libraries Event log Spark UI Driver logs Metrics Apps Spark compute UI - Master

Policy

Unrestricted

Multi node Single node

Access mode Single user access

Single user Manohar Oberoi

Performance

Databricks Runtime Version

15.4 LTS (includes Apache Spark 3.5.0, Scala 2.12)

☒ Use Photon Acceleration

Node type

Standard_DS3_v2 14 GB Memory, 4 Cores

Terminate Edit

Create a notebook

Microsoft Azure databricks

Search data, notebooks, recents, and more...

databricksworkspace10010

New

Workspace

Recents

Catalog

Workflows

Compute

Marketplace

SQL

SQL Editor

Queries

Dashboards

Genie

Alerts

Query History

SQL Warehouses

Add or upload data

Notebook

Query

Dashboard

Genie space

Job

DLT pipeline

Alert

Experiment

Model

More

Libraries Event log Spark UI Driver logs Metrics Apps Spark compute UI - Master

Access mode

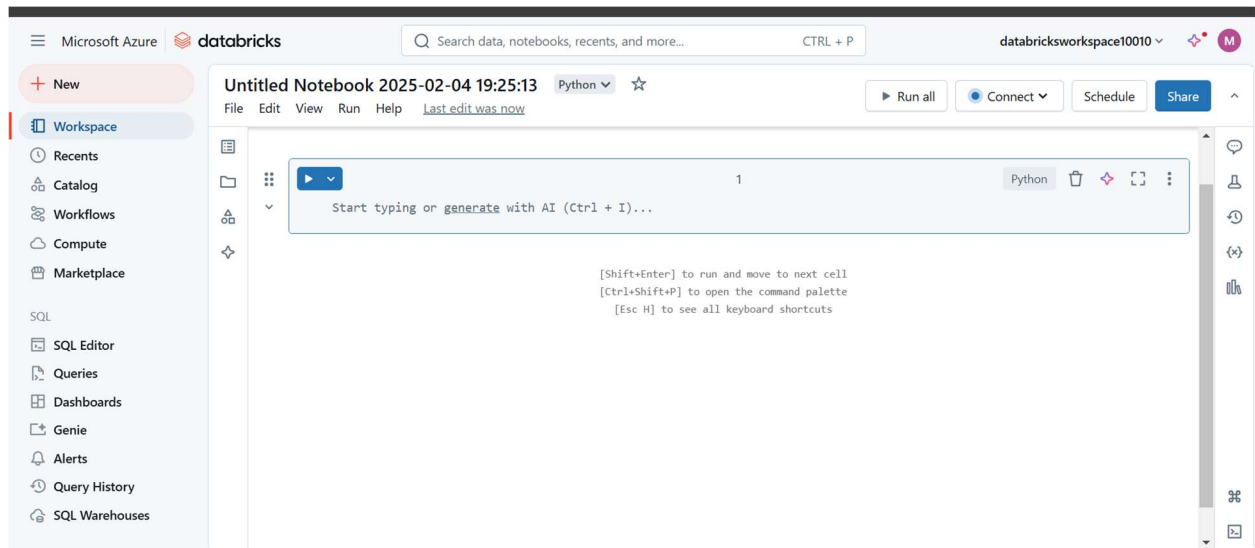
Oberoi

15.4 LTS (includes Apache Spark 3.5.0, Scala 2.12)

14 GB Memory, 4 Cores

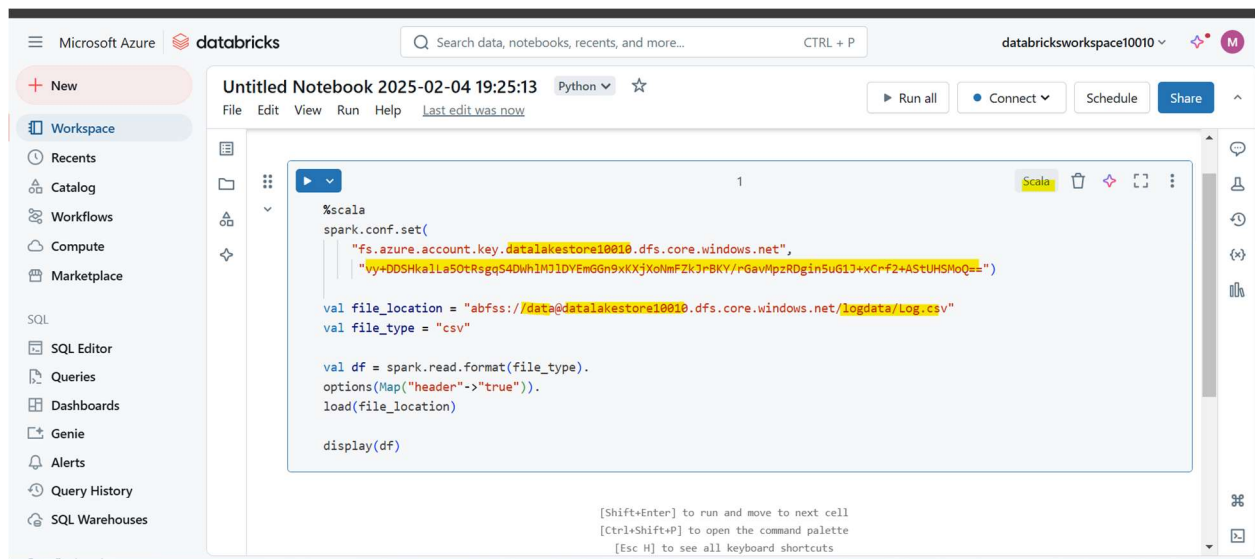
☒ Terminate after 120 minutes of inactivity

Terminate Edit

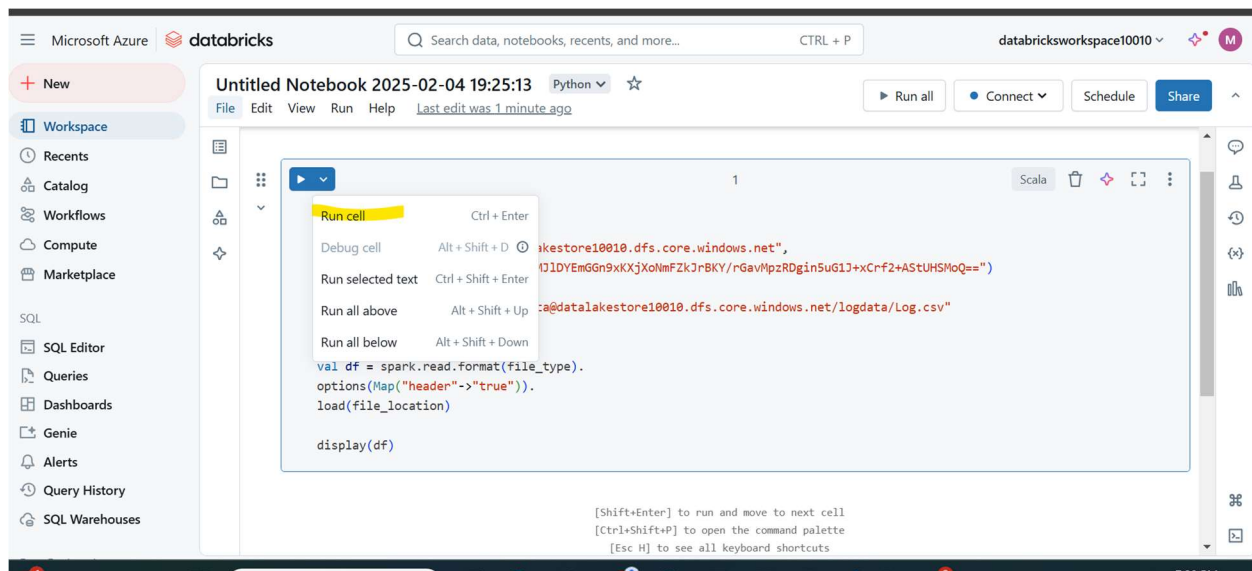


I have already created a data lake storage account & container and inside the container I have a log.csv file

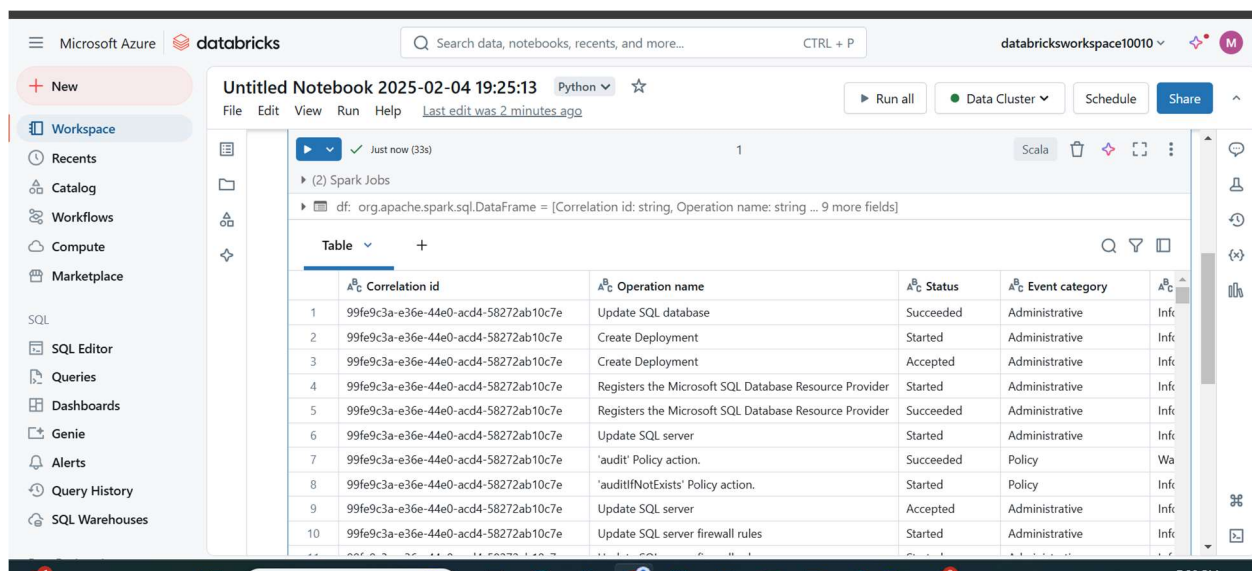
Copy the below code and ensure to update the storage account access key, storage account name , container name and path of the log.csv file



Run cell



We can now see our data



This complete the assignment.