Azure Databricks Setup – User Guide

Goal

To provision and configure an Azure Databricks workspace via Azure Portal, and set up a compute cluster to run workloads.

1. Access Azure Lab Environment

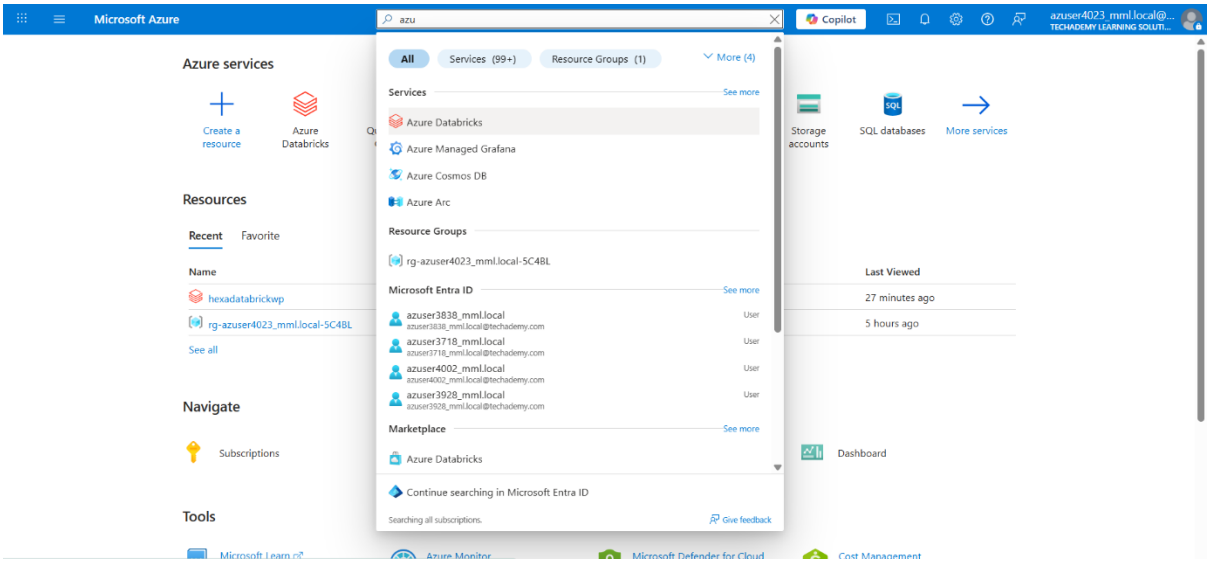
Instructions:

- Log in to the given lab portal using the credentials (email & temporary password) shared with you.
- Once logged in, generate and copy the access URL to open the Azure Portal.

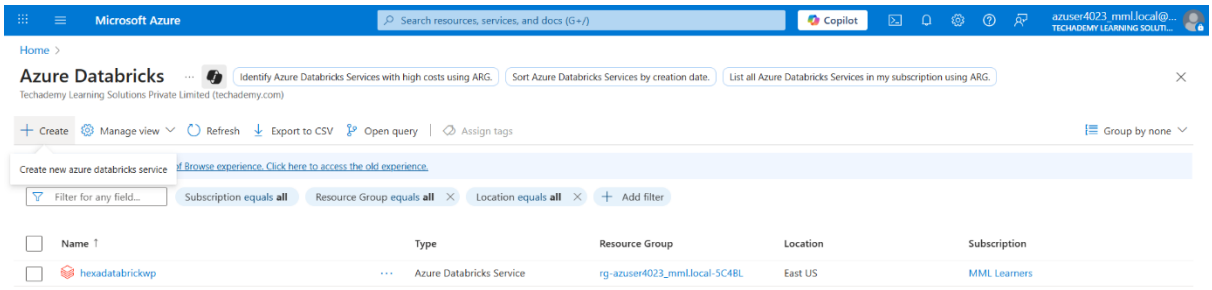
2. Search & Deploy Azure Databricks

Steps:

1. On the Azure Portal homepage, use the top search bar and enter **"Azure Databricks"**.
2. From the results, select **Azure Databricks**.



3. Hit the **Create** button to begin resource setup.



3. Configure Workspace Details

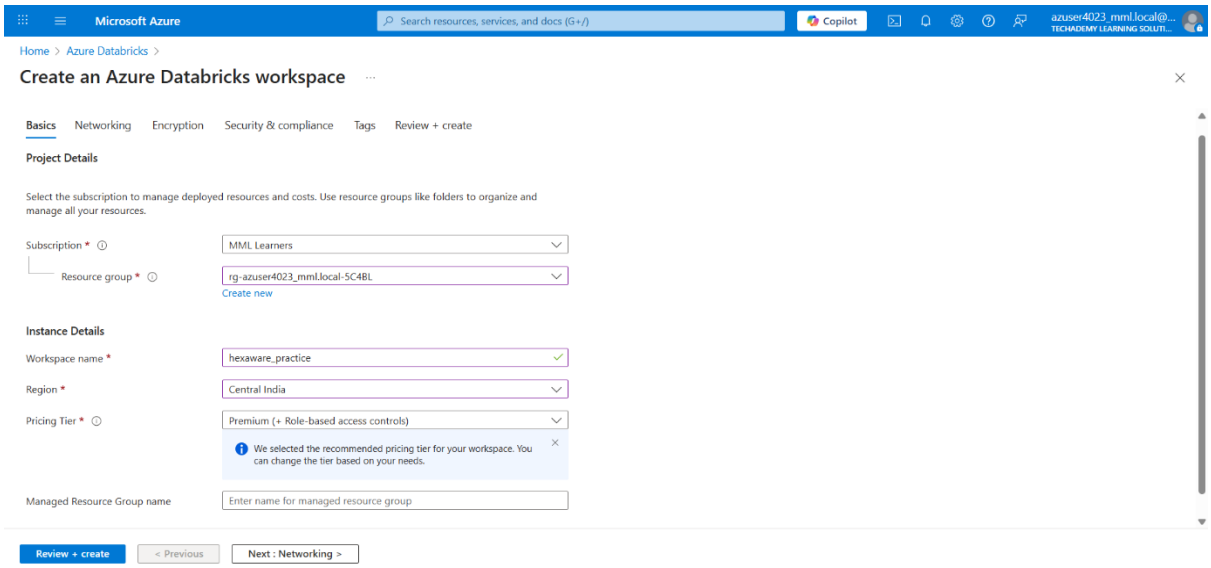
Fill out the resource form as follows:

Field	Input
Subscription	Choose the available subscription assigned in your lab
Resource Group	Select from the existing ones
Workspace Name	Use a distinct name (e.g., hexaware_databricks)
Region	Select a close region (e.g., West Europe)
Pricing Tier	Opt for **Premium**

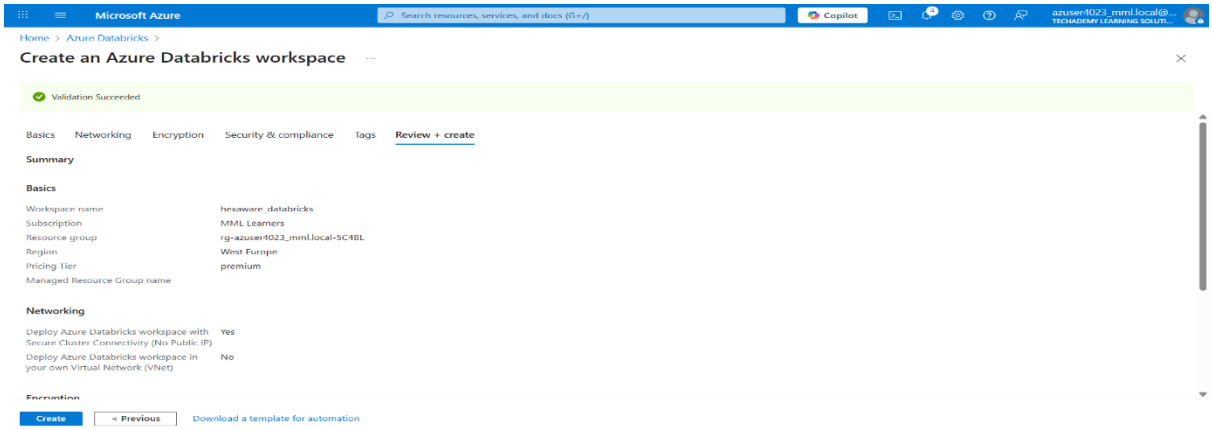
4. Finalize & Review

After filling in the form:

- Click **Review + Create**



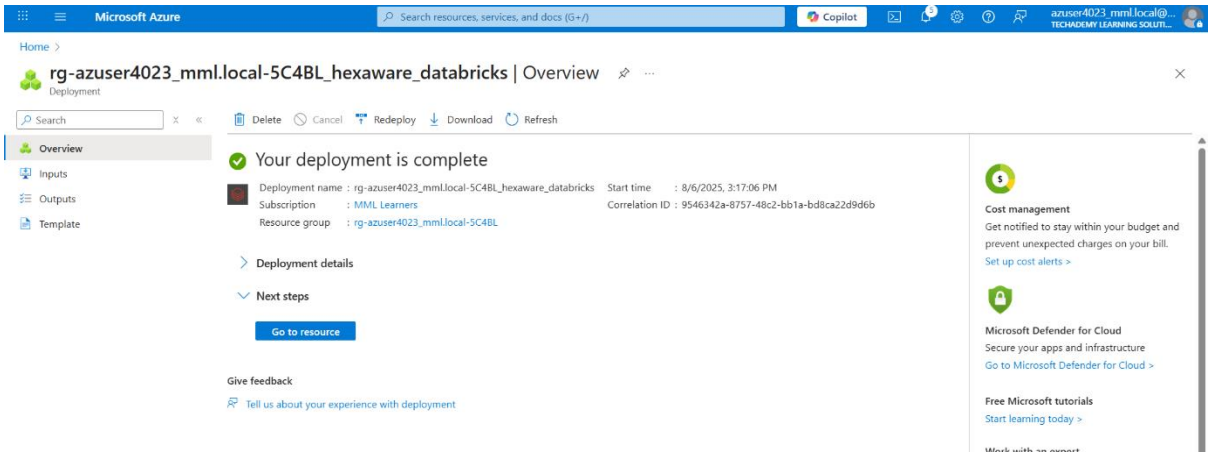
- Ensure that all entries pass the validation check
- Once validated, hit the **Create** button to initiate deployment



5. Monitor Deployment

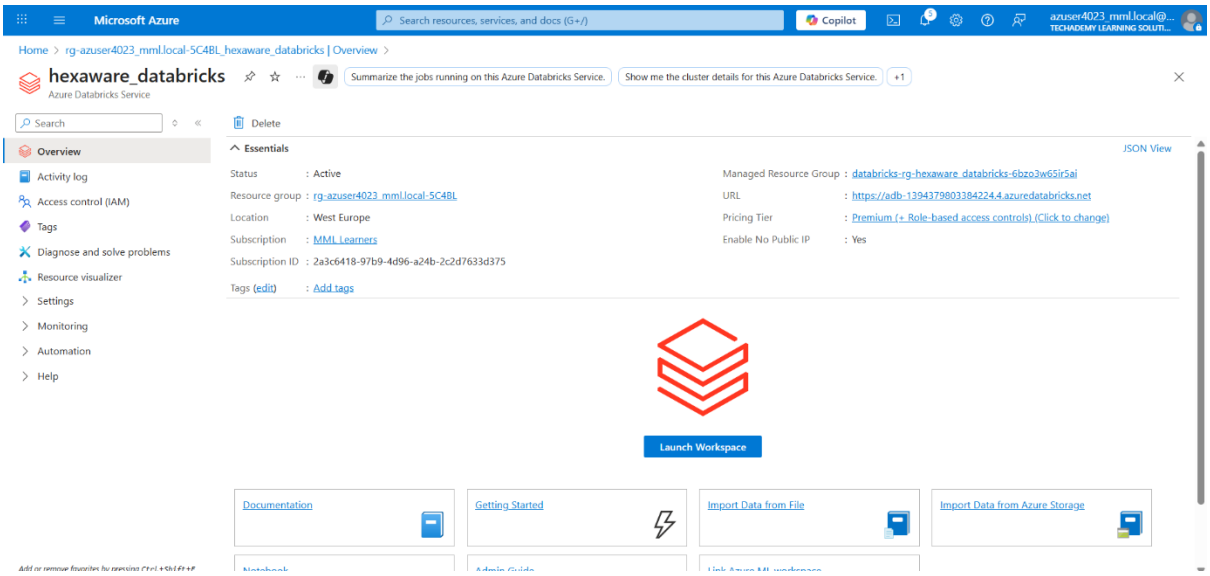
- You will see **Deployment in Progress** status.
- Wait 2–5 minutes.
- Once completed, the message **"Deployment successful"** will appear.

Click **Go to Resource**.



6. Launch Databricks Workspace

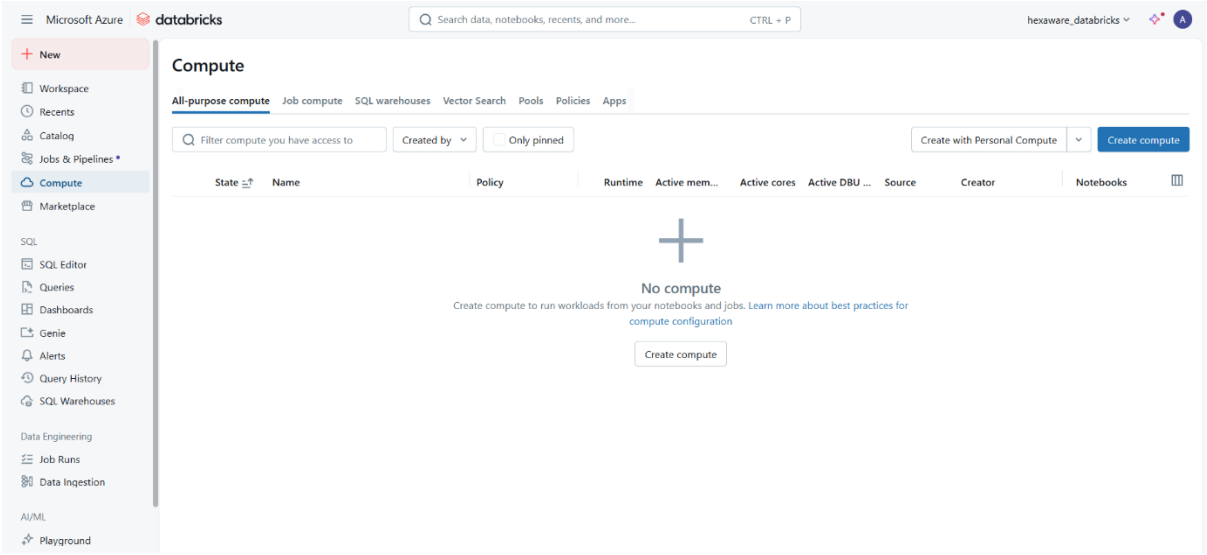
- From the resource overview page, click **Launch Workspace**
- This will open the Azure Databricks environment in a new tab



7. Set Up Your First Cluster

Inside the Databricks portal:

1. On the left-hand menu, click **Compute**
2. Tap on **Create Compute** or **Create Cluster**

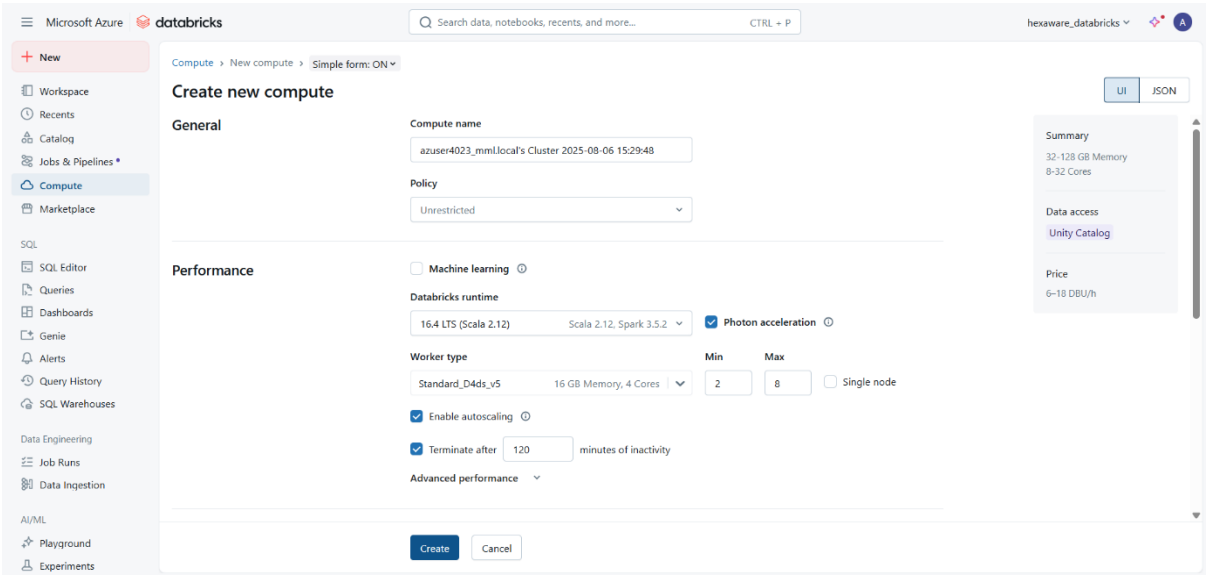


8. Configure Cluster Settings

Fill in the following:

Parameter	Value
Cluster Name	e.g., starter-cluster
Cluster Mode	Single Node
Runtime Version	Use the default/latest
Other Settings	Leave as default

Click **Create Cluster**.



Summary

You have successfully:

- Deployed a Databricks workspace on Azure
- Launched the workspace environment
- Created your first compute cluster for data and machine learning operations

You're now ready to start using Databricks notebooks for analytics, Spark jobs, or ML pipelines!