

# 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

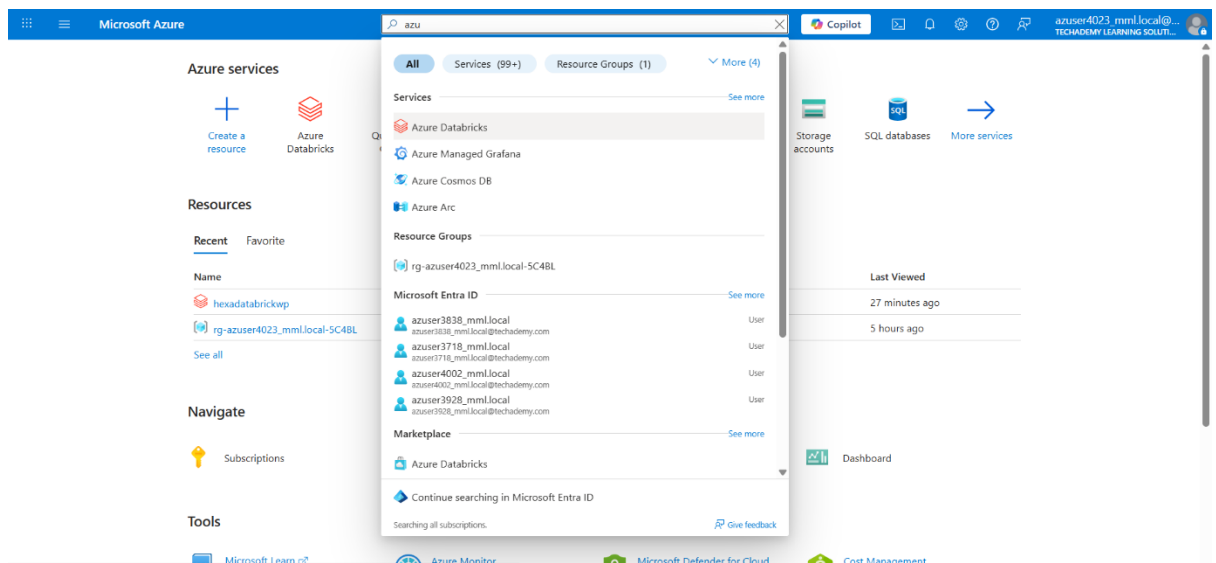
### Instructions:

- 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.

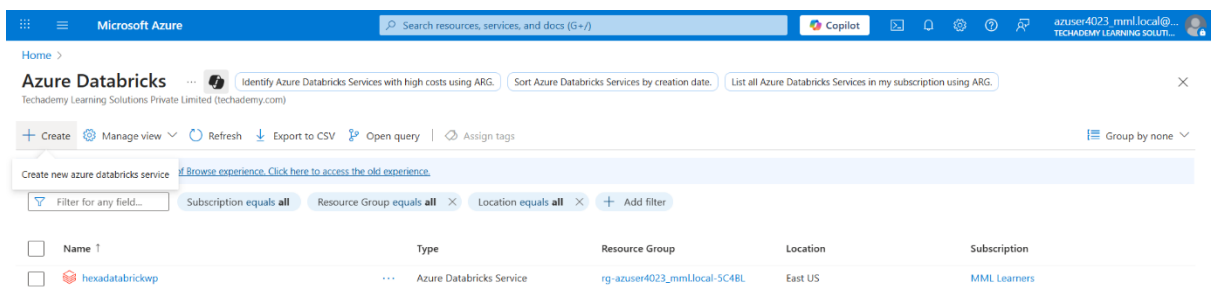
## 2. Search & Deploy Azure Databricks

### 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 <b>Premium</b>

## 4. Finalize & Review

After filling in the form:

- Click **Review + Create**

Microsoft Azure

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

Copilot

azuser4023\_mml.local@...  
TECHADEMY LEARNING SOLUTI...

Home > 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 \* ⓘ MML Learners

Resource group \* ⓘ rg-azuser4023\_mml.local-5C4BL  
[Create new](#)

Instance Details

Workspace name \* hexaware\_practice ✓

Region \* Central India ✓

Pricing Tier \* ⓘ Premium (+ Role-based access controls) ✓

ⓘ We selected the recommended pricing tier for your workspace. You can change the tier based on your needs.

Managed Resource Group name Enter name for managed resource group

**Review + create** < Previous Next : Networking >

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

Microsoft Azure

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

Copilot

azuser4023\_mml.local@...  
TECHADEMY LEARNING SOLUTI...

Home > Azure Databricks >

### Create an Azure Databricks workspace

Basics Networking Encryption Security & compliance Tags Review + create

Validation Succeeded

Summary

Basics

Workspace name	hexaware_databricks
Subscription	MML Learners
Resource group	rg-azuser4023_mml.local-5C4BL
Region	West Europe
Pricing Tier	premium
Managed Resource Group name	

Networking

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

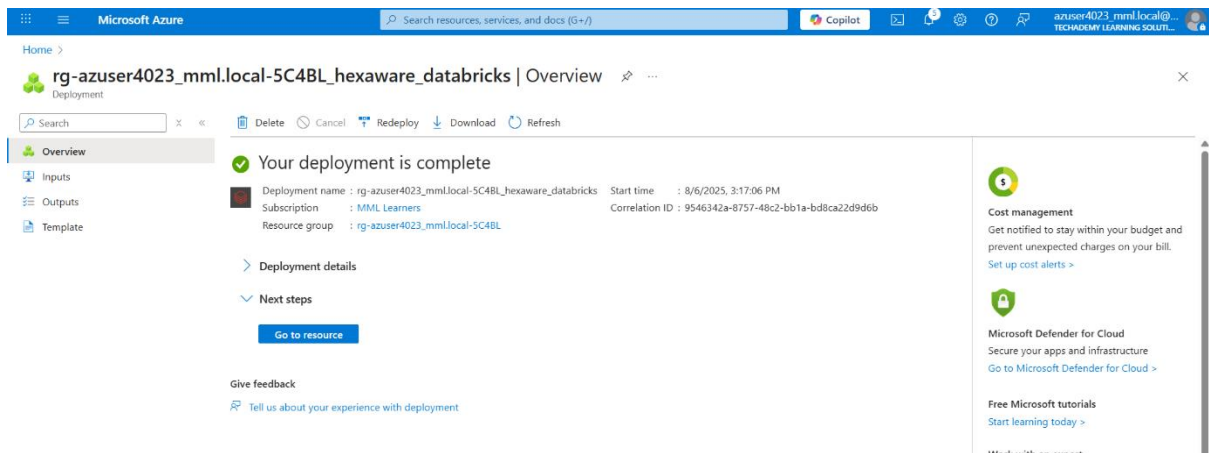
Execution

**Create** < Previous [Download a template for automation](#)

## 5. Monitor Deployment

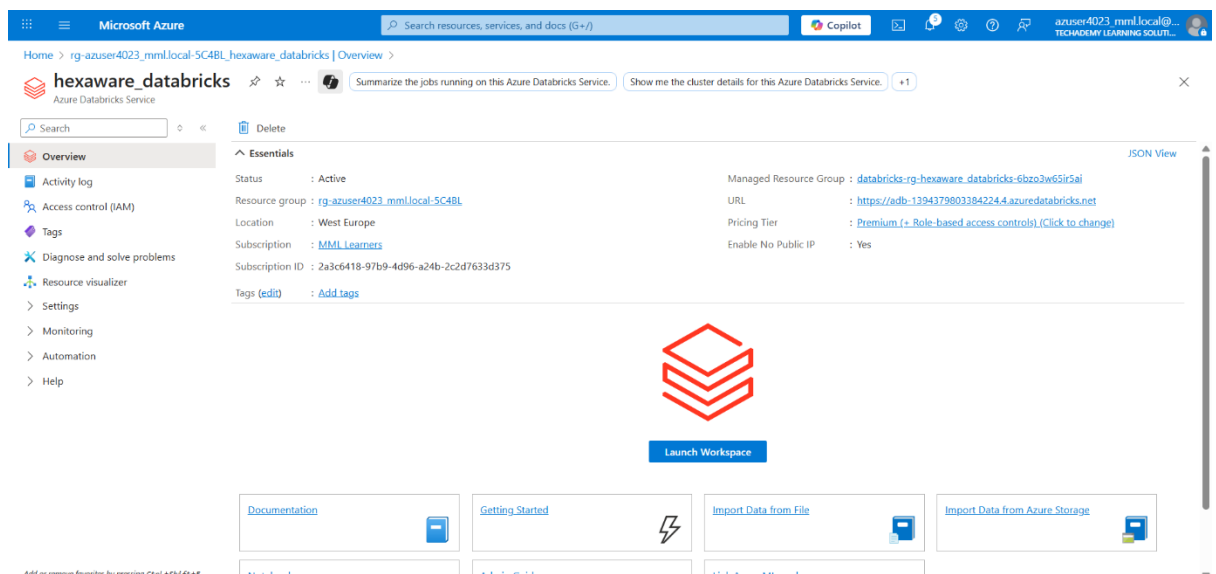
- You will see **Deployment in Progress** status.
- Wait 2–5 minutes.
- Once completed, the message “**Deployment successful**” will appear.

Click **Go to Resource**.



## 6. Launch Databricks Workspace

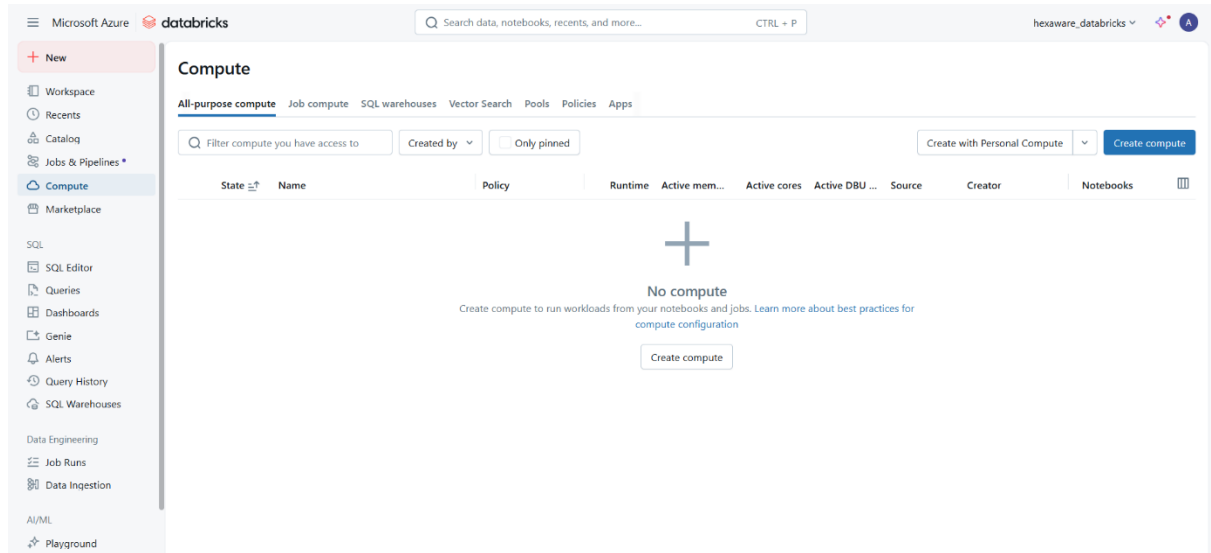
- From the resource overview page, click **Launch Workspace**
- This will open the Azure Databricks environment in a new tab



## 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**

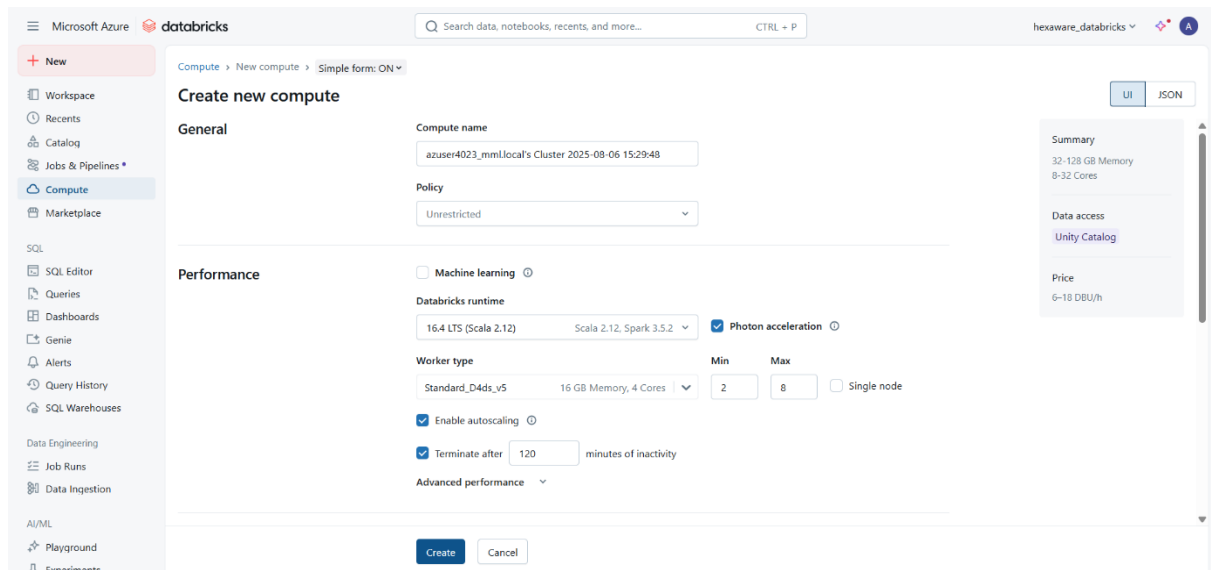


## 8. Configure Cluster Settings

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!