

# Azure Databricks Setup

## Step-by-Step Guide

This guide explains how to set up and launch **Azure Databricks** using a lab environment (e.g., Makemylabs or Azure Portal).




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### 1. Connect to Azure Lab Environment

If using a learning platform like **MakeMyLabs**:

- Log in to the platform.
- Connect to the provided **Azure lab environment**.
- It will generate a temporary **Azure Portal URL** and login credentials.
- Use the credentials to sign in to <https://portal.azure.com>.

MakeMyLabs

Welcome  
azuser4016




Machine Catalog > Azure5000INR-Tech-867a76c4-31ce-4bb5-bbf8-a287f5381cd1-1

< Azure5000INR-Tech-867a76c4-31ce-4bb5-bbf8-a287f5381cd1-1

Access Information

Usage Details

Extension Details



Azure5000INR-Tech...

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Validity 369

Available Amount 50

Available Duration -

Lab Start 2025-08-01

Lab End 2026-08-05


Description

Azure5000INR-Tech

Note: To login to Azure Lab, please copy the Auth URL below and paste it into a Private/Incognito browser window.

Auth Url

https://portal.azure.com




Refresh Credential

Lab Instructions

Clean Up Resource


Username

azuser4016\_mml.local@techademy.co



Password

.....



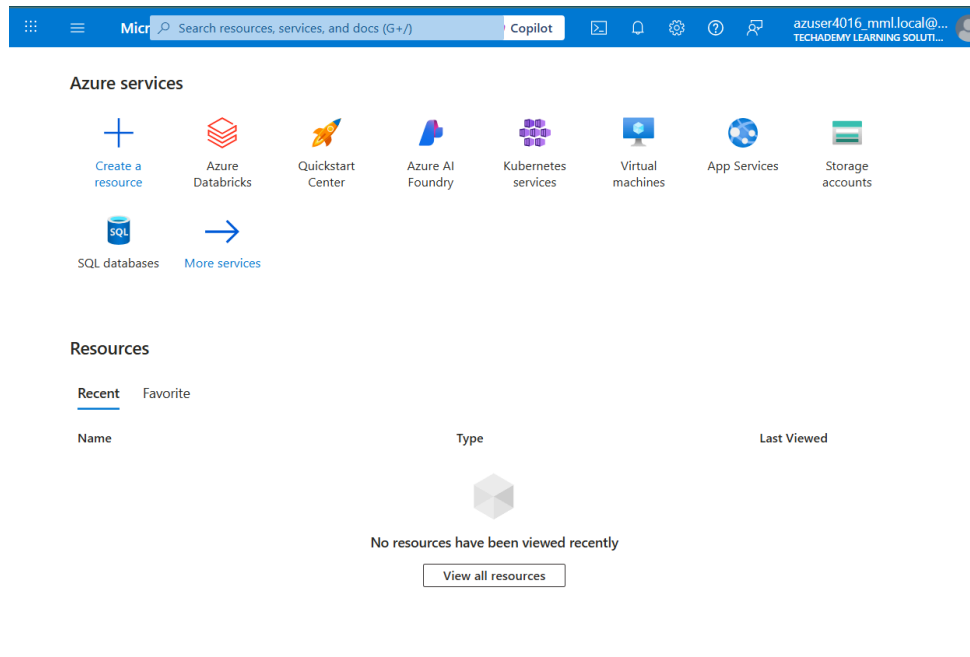
Session Rules

Session Expires In 2h:56m:37s

## 2. Access Azure Portal

Once signed in:

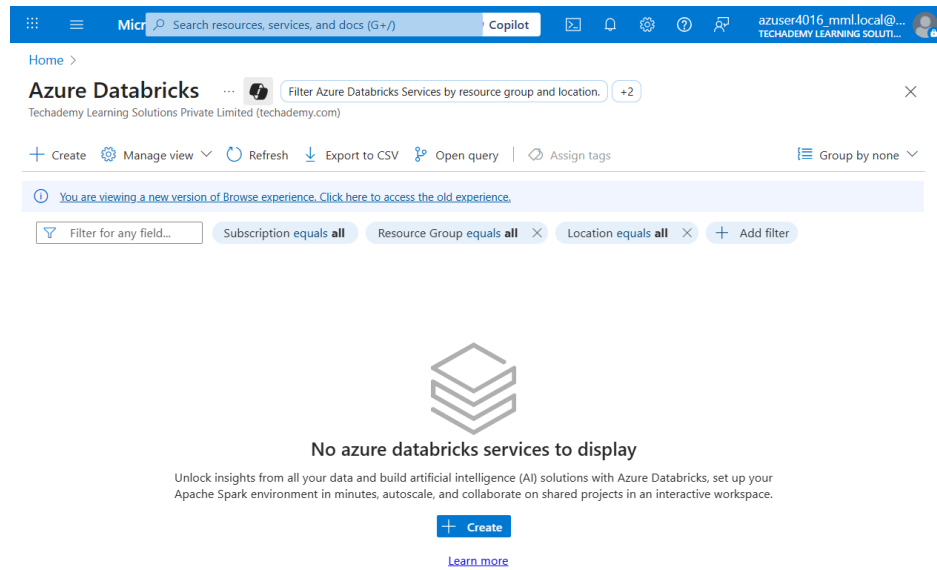
- You'll land on the **Microsoft Azure home page**.
- This dashboard gives access to all Azure services.



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## 3. Search for "Azure Databricks"

- In the **search bar** at the top of the Azure Portal, type: **"Azure Databricks"**
- Click on the **Azure Databricks** service from the results.



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#### 4. Create a Databricks Workspace

- Click “+ Create” to begin provisioning a new Databricks workspace.
- You’ll be asked to enter the following details:
  - **Subscription** (provided by the lab)
  - **Resource Group** (create a new one or use existing)
  - **Workspace Name**
  - **Region** (preferably closest to your location)
  - **Pricing Tier** (usually "Standard" for labs)

The screenshot shows the 'Create an Azure Databricks workspace' wizard in the 'Review + create' step. The breadcrumb navigation is 'Home > Azure Databricks >'. The title bar includes the Microsoft logo, a search bar, 'Copilot', and a user profile 'azuser4016\_mml.local@...'. The wizard has tabs for 'Basics', 'Networking', 'Encryption', 'Security & compliance', 'Tags', and 'Review + create'. Under 'Project Details', it instructs to 'Select the subscription to manage deployed resources and costs. Use resource groups like folders to organize and manage all your resources.' The 'Subscription' is set to 'MML Learners' and the 'Resource group' is 'rg-azuser4016\_mml.local-tEgIm'. Under 'Instance Details', the 'Workspace name' is 'Hexa\_DataBricks\_WorkSpace', 'Region' is 'South India', and 'Pricing Tier' is 'Standard (Apache Spark, Secure with Microsoft Entra ID)'. The 'Managed Resource Group name' field is empty. At the bottom, there are three buttons: 'Review + create' (highlighted in blue), '< Previous', and 'Next : Networking >'.

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-azuser4016\_mml.local-tEgIm

Create new

### Instance Details

Workspace name \* Hexa\_DataBricks\_WorkSpace

Region \* South India

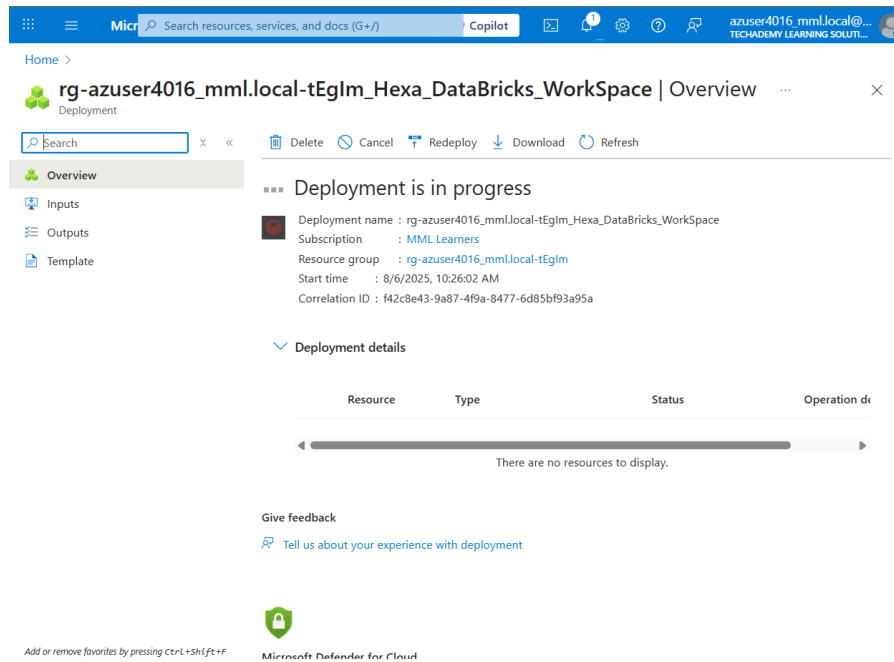
Pricing Tier \* Standard (Apache Spark, Secure with Microsoft Entra ID)

Managed Resource Group name Enter name for managed resource group

Review + create < Previous Next : Networking >

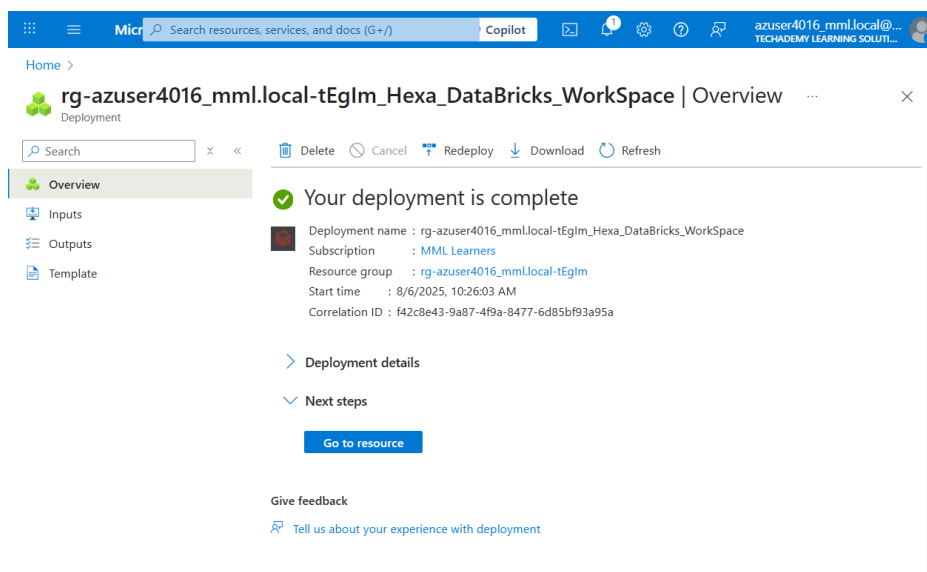
## 5. Review and Create

- After filling in the details, click **“Review + Create”**.
- Azure will validate the configuration.
- Click **“Create”** to begin the deployment.
- Deployment takes a few minutes.



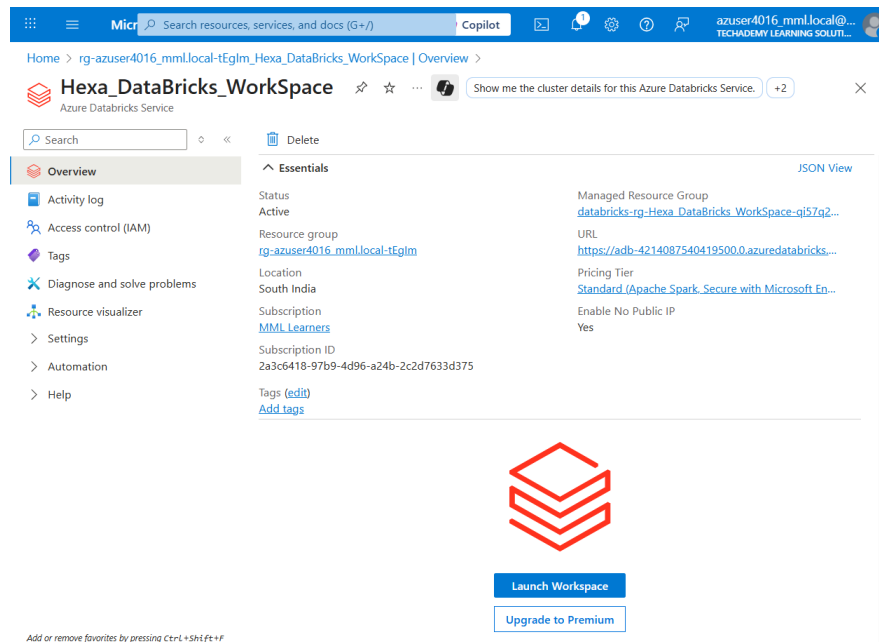
## 6. Deployment Complete

- Once deployment is complete, click **“Go to Resource”**.
- This takes you to the Databricks workspace resource page.



## 7. Launch the Workspace

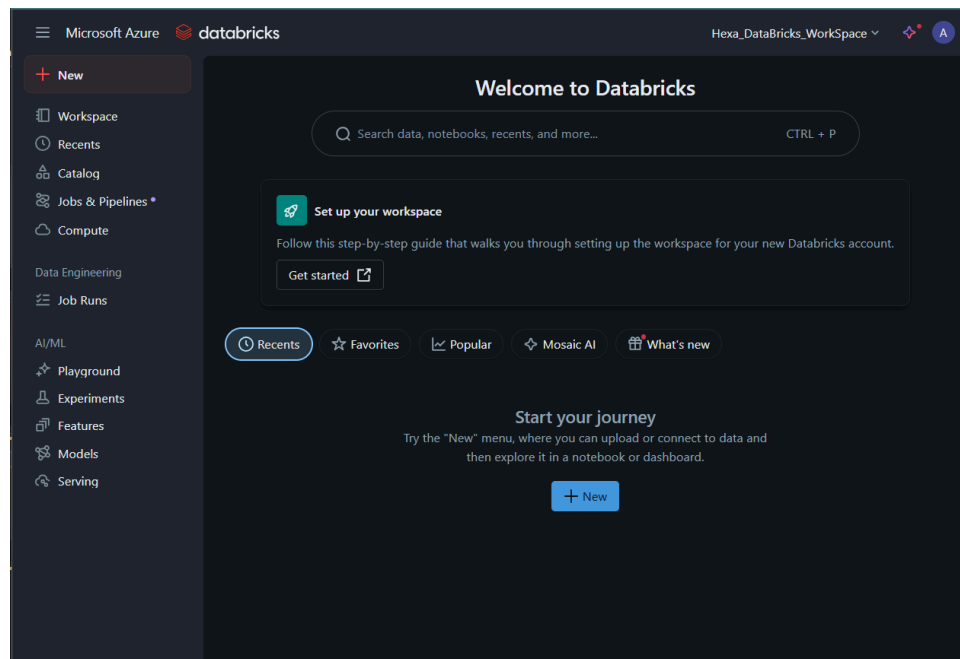
- On the resource page, click the “**Launch Workspace**” button.
- It will redirect you to the **Azure Databricks portal** (<https://<workspace-name>.azuredatabricks.net>)
- If prompted, sign in with your Azure lab credentials.



## 8. Inside Azure Databricks

Once inside the Databricks workspace:

- You can now:
  - Create notebooks (Python, SQL, Scala)
  - Upload datasets
  - Use clusters for computing
  - Perform EDA, ML, and Spark-based analytics



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## Summary

Step	Action
1	Log in to lab environment (e.g., Makemylabs)
2	Access Azure Portal
3	Search and open "Azure Databricks"
4	Create a workspace
5	Wait for deployment
6	Go to the deployed resource
7	Launch the workspace
8	Start working in the Databricks UI

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