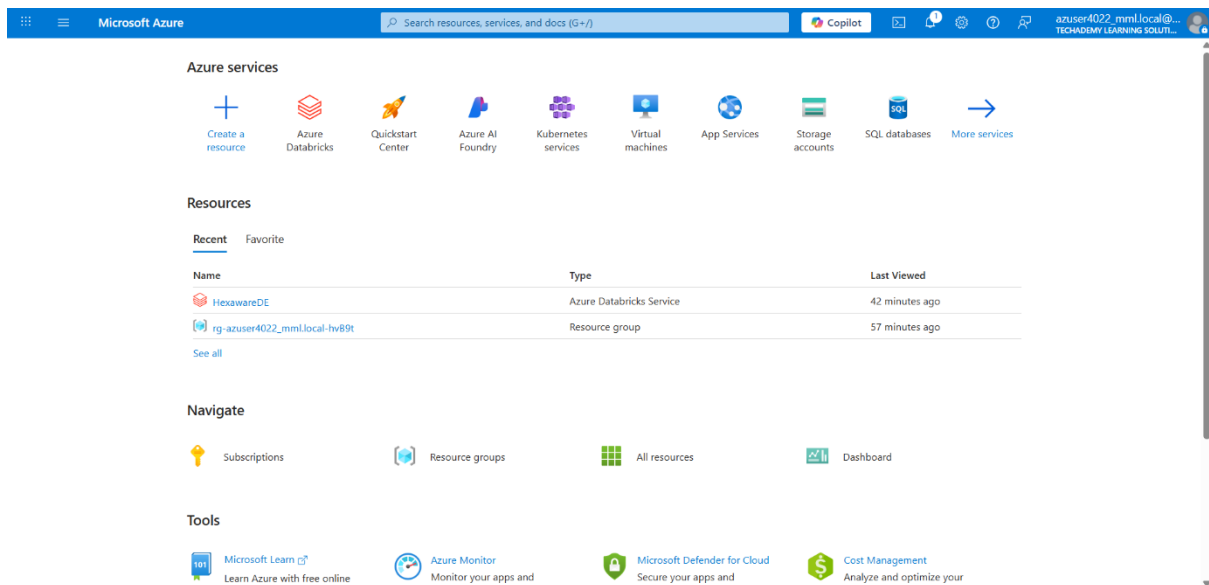


# Azure Databricks workspace setup and cluster creation

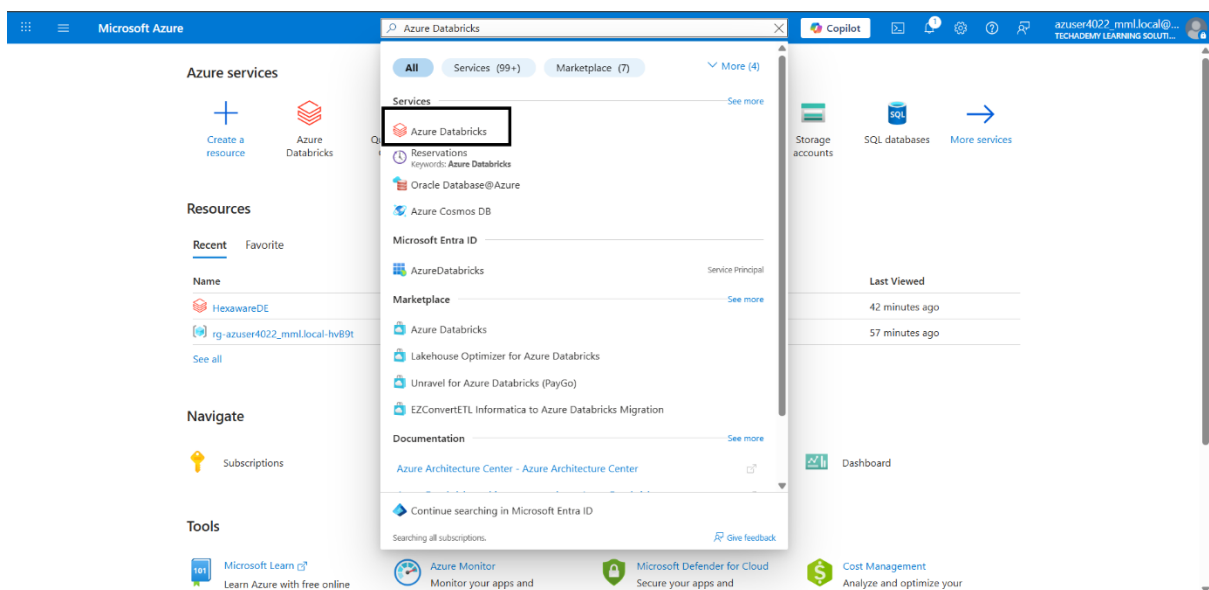
**Name:** PRIYESHWAR

**Mail:** [privesh2664@gmail.com](mailto:privesh2664@gmail.com)

Go to the Azure Dashboard



In the search bar, search Azure Databricks



In the Azure Databricks page, click the Create option

The screenshot shows the Microsoft Azure portal interface for the 'Azure Databricks' resource type. At the top, there's a search bar and a 'Copilot' button. Below the header, the page title is 'Azure Databricks' with a sub-header 'Techademy Learning Solutions Private Limited (techademy.com)'. A navigation bar contains several tabs: 'Identify Azure Databricks Services with high costs using ARG.', 'Sort Azure Databricks Services by creation date.', and 'List all Azure Databricks Services in my subscription using ARG.'. Below this, there's a '+ Create' button highlighted with a red box, followed by 'Manage view', 'Refresh', 'Export to CSV', 'Open query', and 'Assign tags'. A message states 'You are viewing a new version of Browse experience. Click here to access the old experience.' Below the message, there are filters: 'Filter for any field...', 'Subscription equals all', 'Resource Group equals all', 'Location equals all', and an 'Add filter' button. A table lists the resources with columns: Name, Type, Resource Group, Location, and Subscription. One resource is listed: 'HexawareDE' (Azure Databricks Service) in resource group 'rg-azuser4022\_mml.local-hv89t' at 'East US' location, under 'MML Learners' subscription. At the bottom, it says 'Showing 1 - 1 of 1. Display count: auto' and a 'Give feedback' link.

In basic, set the configurations like workspace name, pricing tier, etc.

The screenshot shows the 'Create an Azure Databricks workspace' configuration page in the Azure portal. The 'Basics' tab is selected, and the 'Project Details' section is active. Below this, a message states 'Select the subscription to manage deployed resources and costs. Use resource groups like folders to organize and manage all your resources.' The configuration fields are: 'Subscription' (MML Learners), 'Resource group' (rg-azuser4022\_mml.local-hv89t), 'Workspace name' (DEHexa), 'Region' (Central India), 'Pricing Tier' (Premium (+ Role-based access controls)), and 'Managed Resource Group name' (HexaDatabricks). A message below the Pricing Tier field states 'We selected the recommended pricing tier for your workspace. You can change the tier based on your needs.' At the bottom, there are navigation buttons: 'Review + create', '< Previous', and 'Next: Networking >'.

## In Networking, set the network configurations

Microsoft Azure

Search resources, services, and docs (G+)

Copilot

azuser4022\_mml.local@...  
TECHADEMY LEARNING SOLUTI...

Home > Azure Databricks >

Create an Azure Databricks workspace ...

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

Deploy Azure Databricks workspace with Secure Cluster Connectivity (No Public IP)  
☒ Yes ☐ No

Deploy Azure Databricks workspace in your own Virtual Network (VNet)  
☐ Yes ☒ No

Review + create

< Previous

Next : Encryption >

## In Encryption, set the encryption if needed

Microsoft Azure

Search resources, services, and docs (G+)

Copilot

azuser4022\_mml.local@...  
TECHADEMY LEARNING SOLUTI...

Home > Azure Databricks >

Create an Azure Databricks workspace ...

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

**Data Encryption**  
For additional control of your data, you can add your own key to protect and control access to some types of data. Enabling customer-managed key encryption for Managed Services or Managed Disks is an irreversible action. The key, key vault, and key version may be updated but the features cannot be disabled after being enabled.

**Managed Disks**  
Use your own key ☐

**Managed Services**  
Use your own key ☐

**Double encryption for DBFS root**  
In addition to your choice of the default encryption or your own managed key encryption, Azure Databricks DBFS root can also be encrypted with a second layer of encryption called infrastructure encryption using platform-managed key to achieve Double Encryption for DBFS root.  
Enable Infrastructure Encryption ☐  
⚠ This feature cannot be changed after this workspace is created.

Review + create

< Previous

Next : Security & compliance >

Set the security if needed, and click review and create

Microsoft Azure

Search resources, services, and docs (G+)

Copilot

azuser4022\_mml.local@TECHADEMY LEARNING SOLUTI...

Home > Azure Databricks >

Create an Azure Databricks workspace

BasicsNetworkingEncryptionSecurity & complianceTagsReview + create

Enhanced Security & Compliance

Enhanced Security and Compliance Add-On helps simplify the complexity of meeting security and regulatory requirements.

Enable compliance security profile ☐

This feature cannot be disabled once it is enabled.

Enable enhanced security monitoring ☐

Enable automatic cluster update ☐

Review + createPreviousNext : Tags >

Once validation succeeded, click create

Microsoft Azure

Search resources, services, and docs (G+)

Copilot

azuser4022\_mml.local@TECHADEMY LEARNING SOLUTI...

Home > Azure Databricks >

Create an Azure Databricks workspace

Validation Succeeded

BasicsNetworkingEncryptionSecurity & complianceTagsReview + create

Summary

Basics

Workspace name

Subscription

Resource group

Region

Pricing Tier

Managed Resource Group name

DEHexa

MML Learners

rg-azuser4022\_mml.local-hv89t

Central India

premium

HexaDatabricks

Networking

Deploy Azure Databricks workspace with Secure Cluster Connectivity (No Public IP)

Deploy Azure Databricks workspace in your own Virtual Network (VNet)

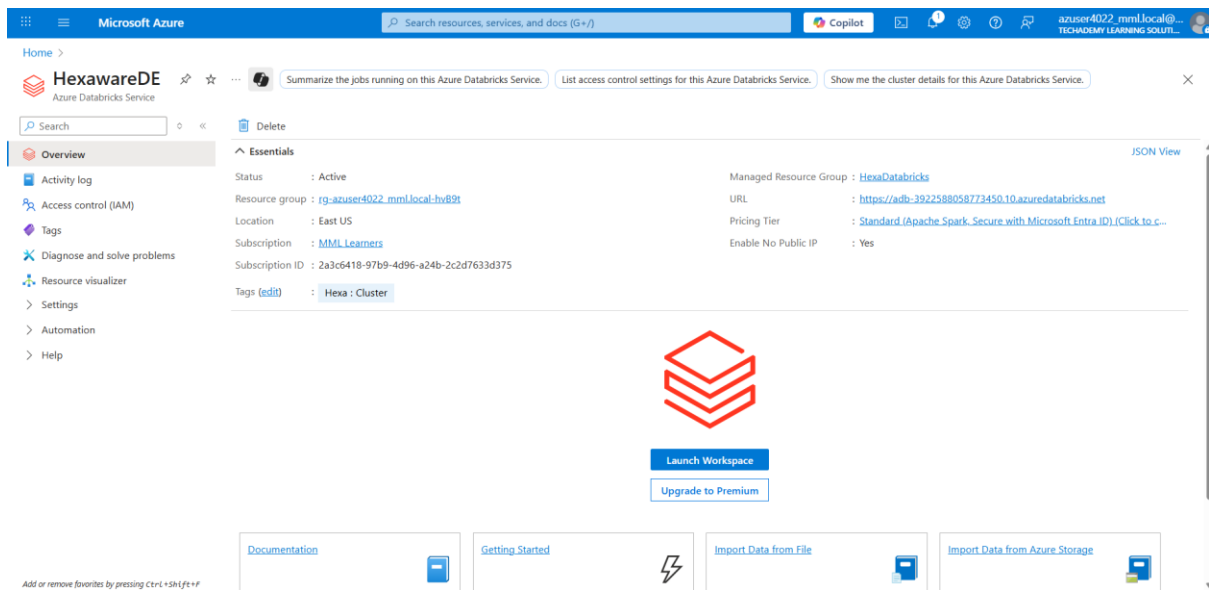
Yes

No

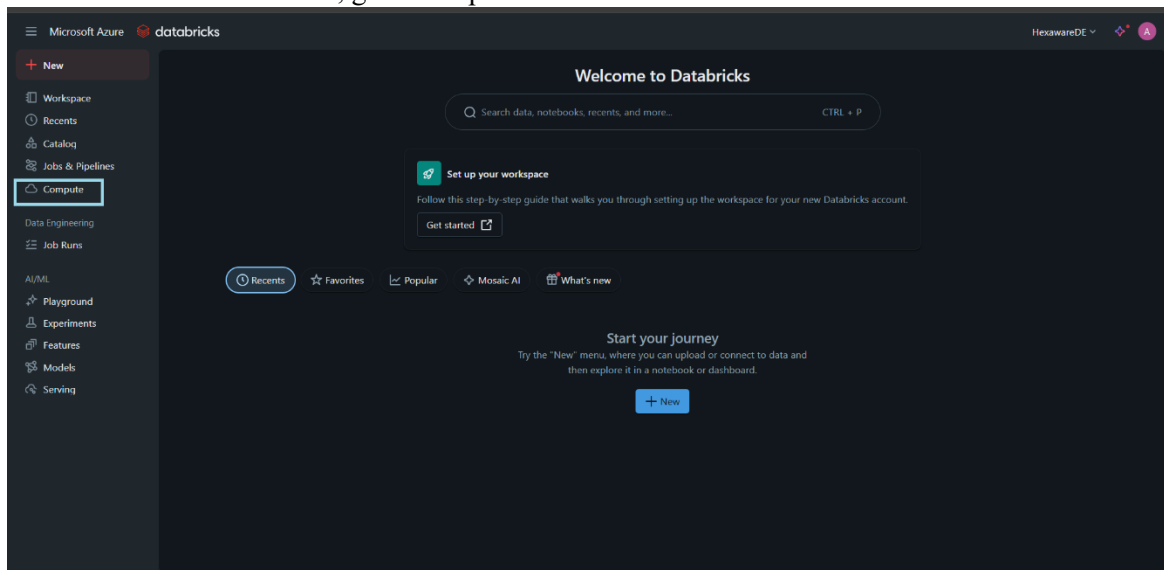
Encryption

CreatePreviousDownload a template for automation

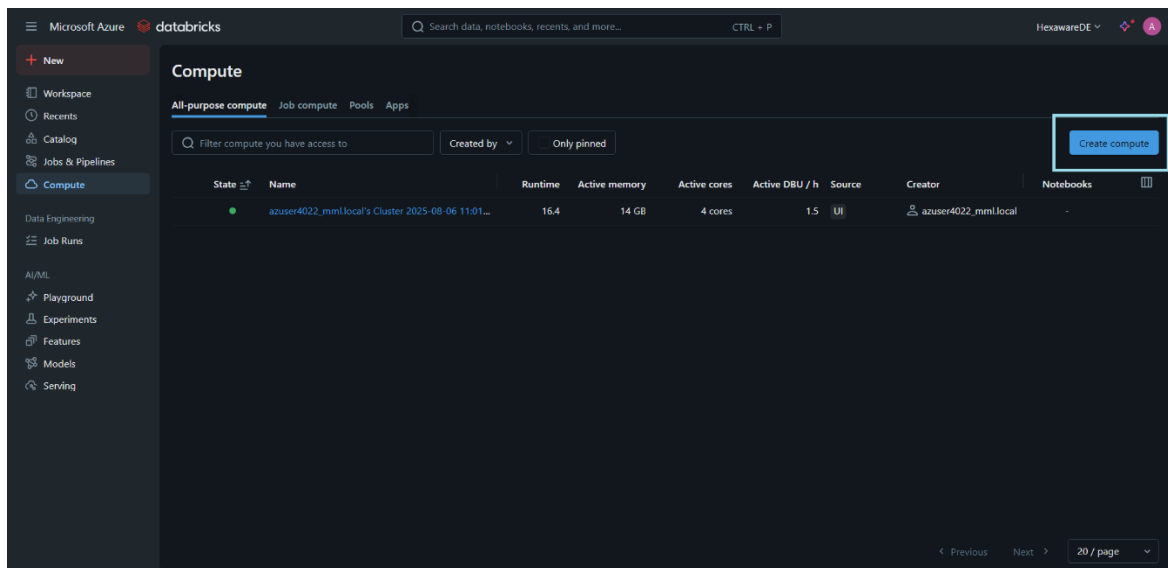
Once the workspace is created successfully, launch the workspace.



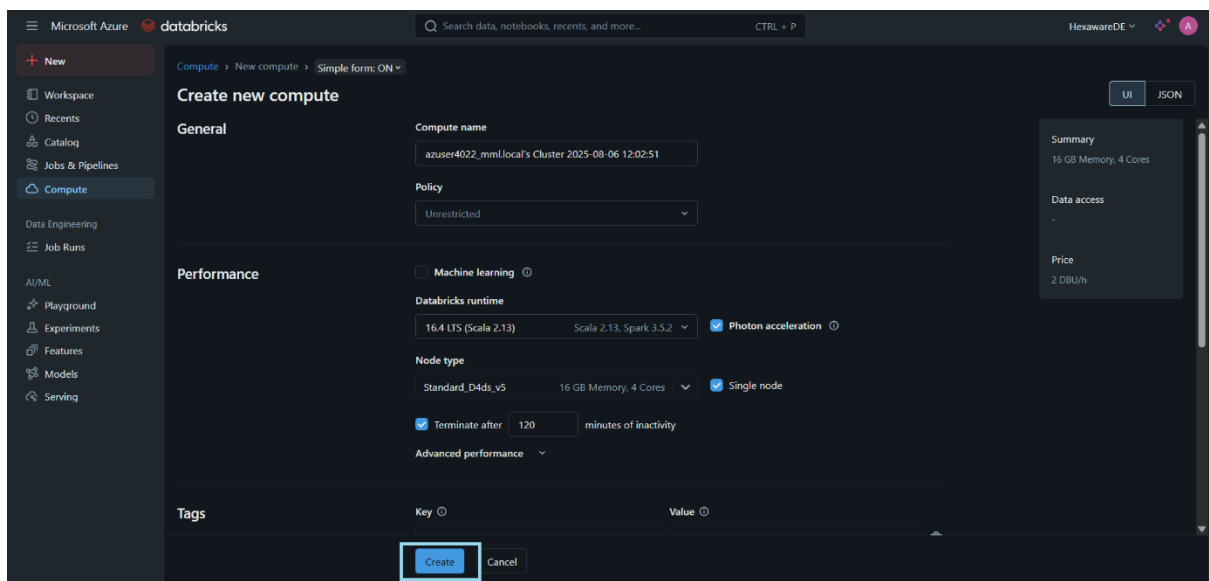
In the Databricks dashboard, goto Compute



Click the Create Compute



Set the configuration for the cluster and click create



The cluster will be created successfully

