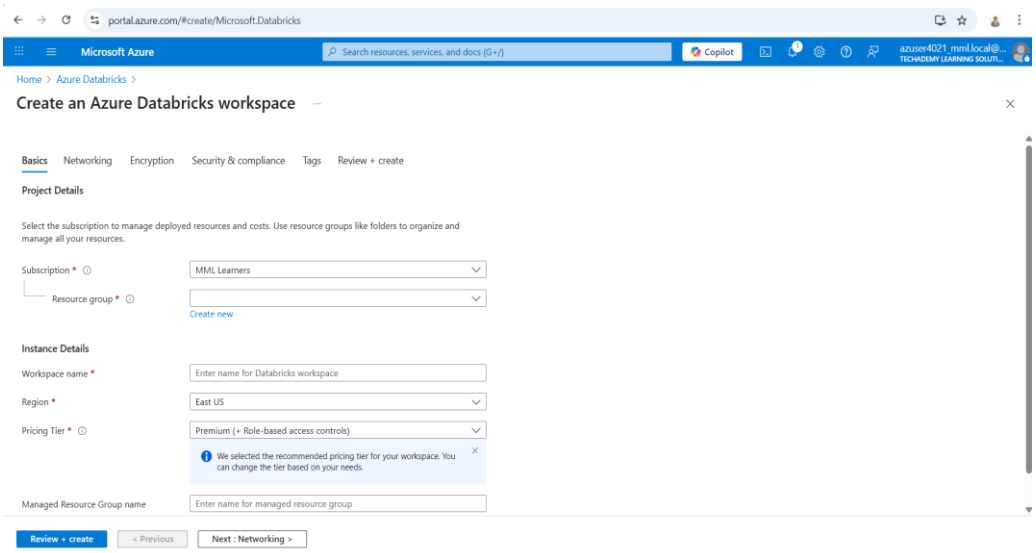
CREATING AN AZURE DATABRICKS WORKSPACE

1. Sign in to Azure Portal

- Go to: https://portal.azure.com
- Use your credentials to log in.

2. Create a Resource Group

- Go to “Resource groups” → + Create
- Name it (e.g., hexacluster)
- Select a region (e.g., East US, Central India)
- Click Review + Create → Create



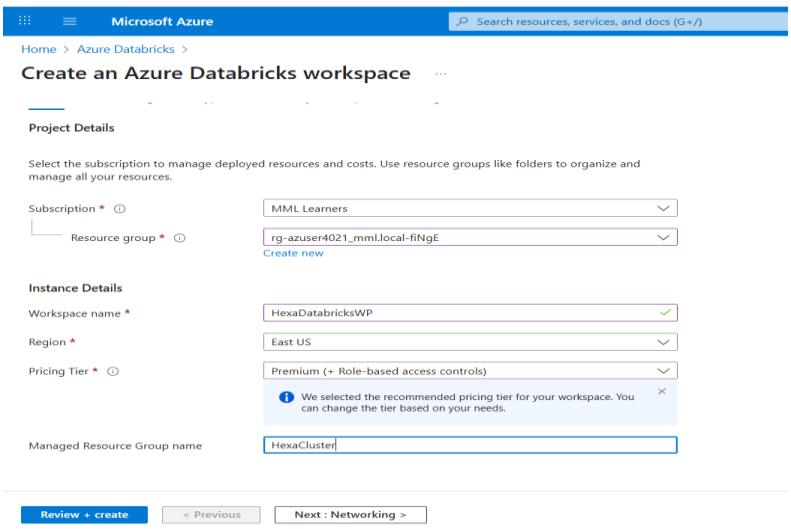
3. Create Azure Databricks Workspace

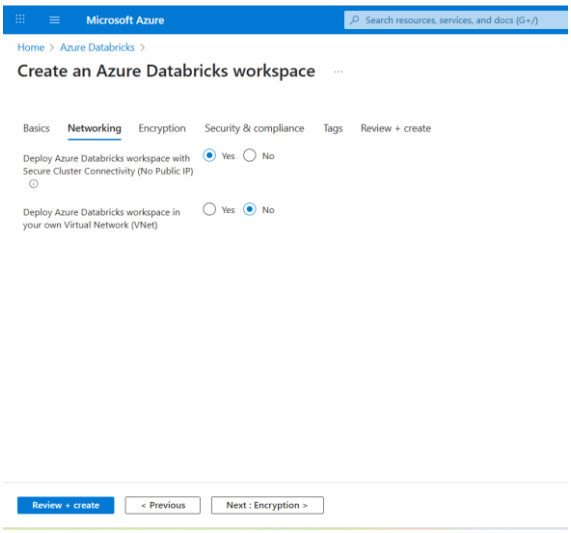
- Go to “Create a resource” → Search for Databricks
- Click on Azure Databricks → Create

Fill in the following:

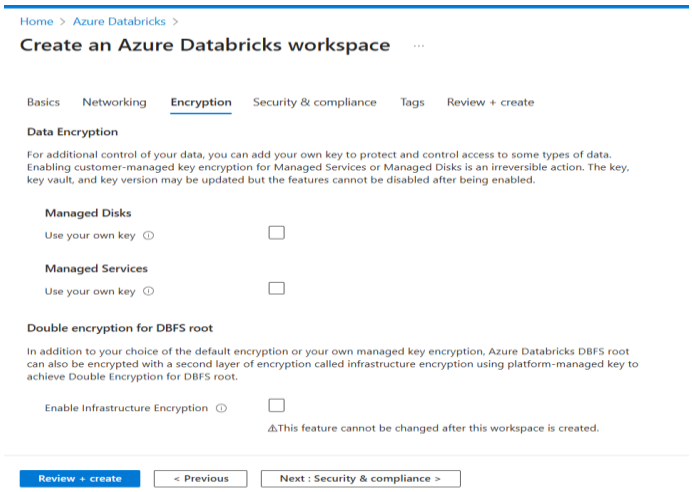
- Subscription: Choose your subscription (premium / standard)
- Resource Group: Select the one you created
- Workspace Name: HexaDatabricksWP
- Region: Choose your region (ex: East US)

- Pricing Tier: Choose Standard or Premium (Premium for Unity Catalog, access control, etc.)

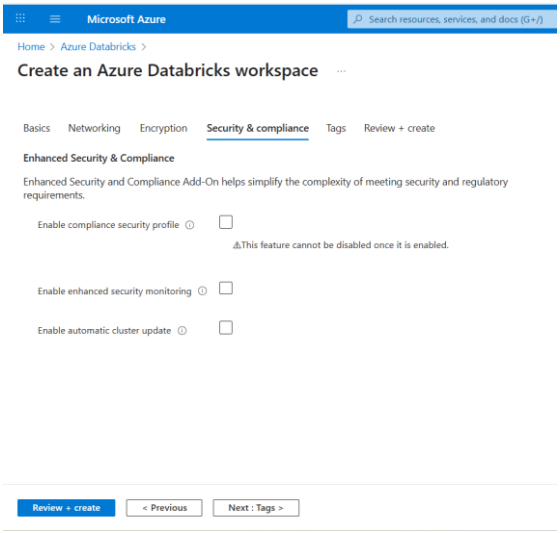




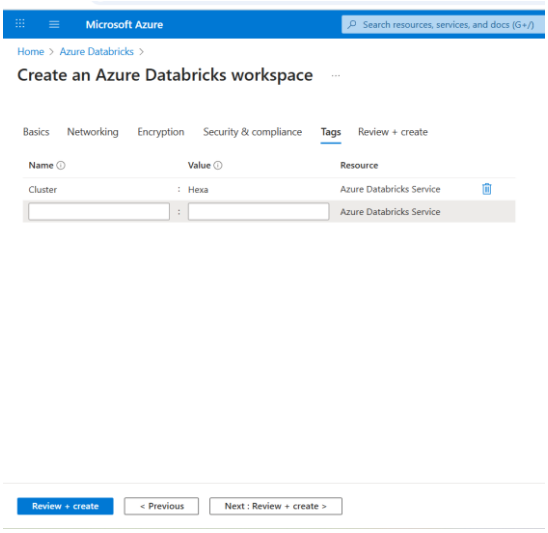
Click on next Encryption

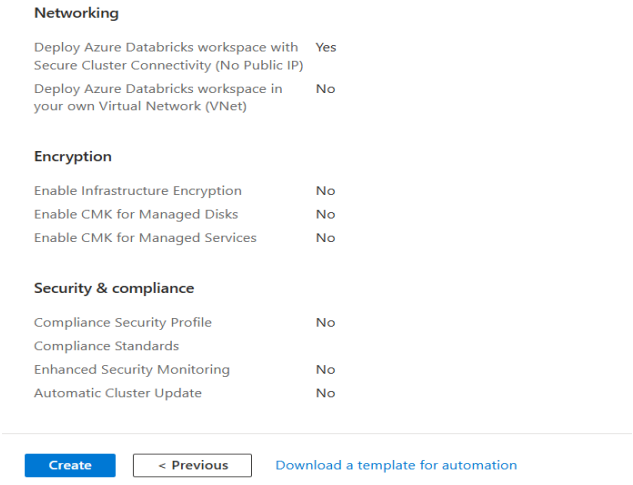


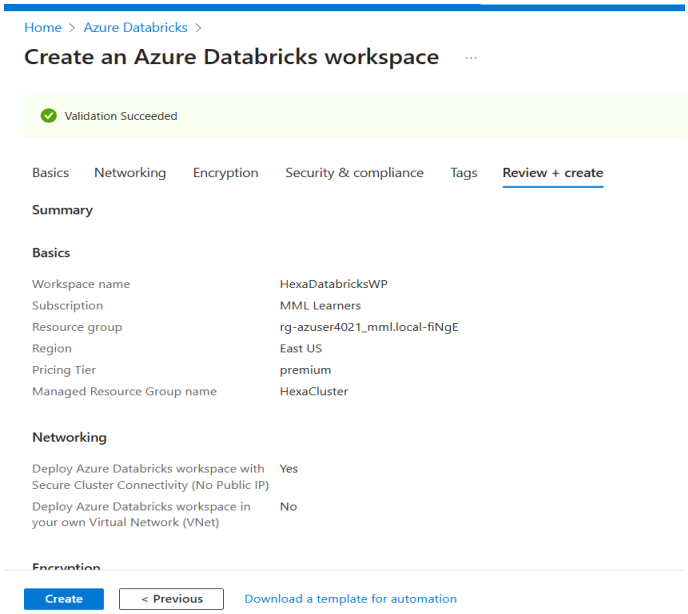
Click on next : Tags

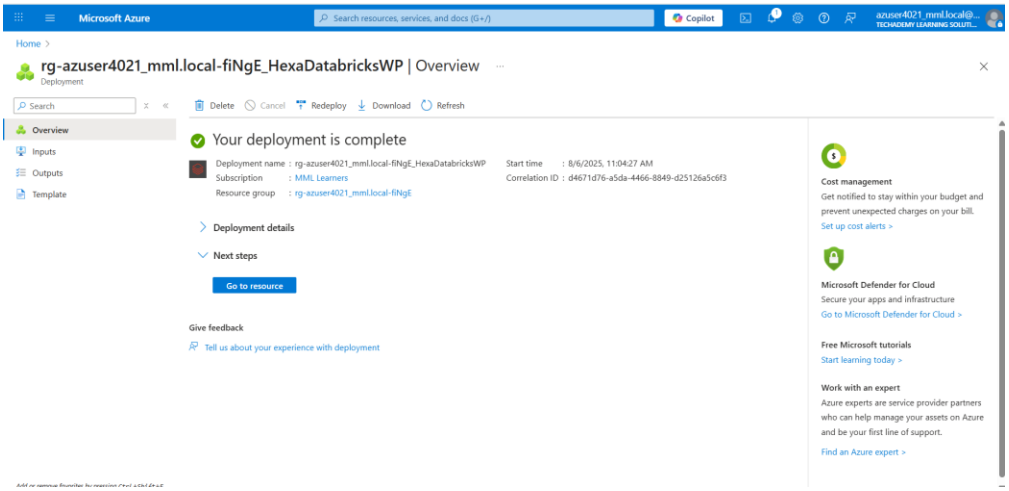


Click Review + Create → then Create (Takes ~5–10 minutes)









Workspace is now created.

Launch the Workspace

4. Go to the resource

- Once created, click “Go to Resource”
- Click “Launch Workspace” — this opens Azure Databricks UI

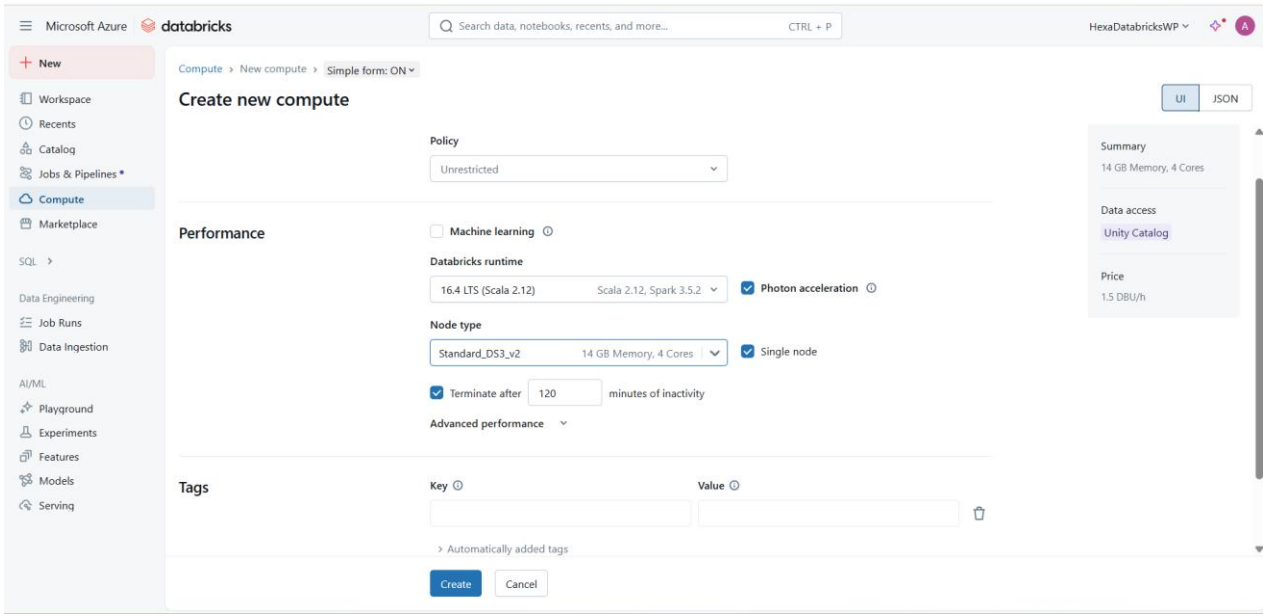
Create a Cluster in Azure Databricks

5. Create Cluster

- In the left menu, click on “Compute”
- Click Create Cluster

Fill in the following:

- Cluster Name: hexa
- Cluster Mode: Single Node or Standard (Start with Single Node for testing)
- Databricks Runtime Version: Choose latest LTS (e.g., 11.3 LTS or 12.2 LTS with Scala and Spark)
- Node Type: Choose a low-cost one like Standard_DS3_v2 or Standard_F4s
- Autoscaling: Optional — disable for single node
- Auto Termination: Set to 10–15 minutes to save cost



Click Create Cluster (Takes ~3–5 minutes to start)

Cluster is now running.