

Asmita Porwal  
Batch-1  
Day-16  
13/2/2024  
Data engineering

## Assignment-16

### Creating azure databricks workspace

Microsoft Azure Search resources, services, and docs (G+I)

Home > Azure Databricks >

### Create an Azure Databricks workspace

Basics Networking Encryption 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 \* ⓘ Azure subscription 1

Resource group \* ⓘ Create new

**Instance Details**

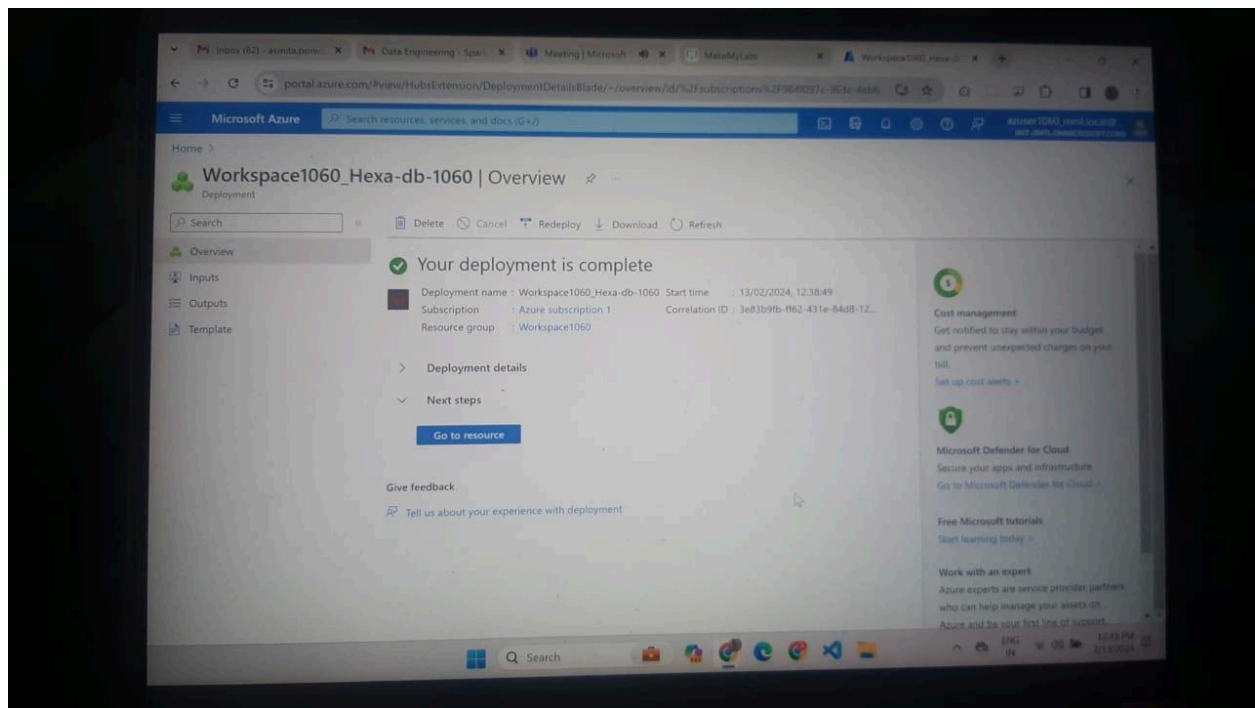
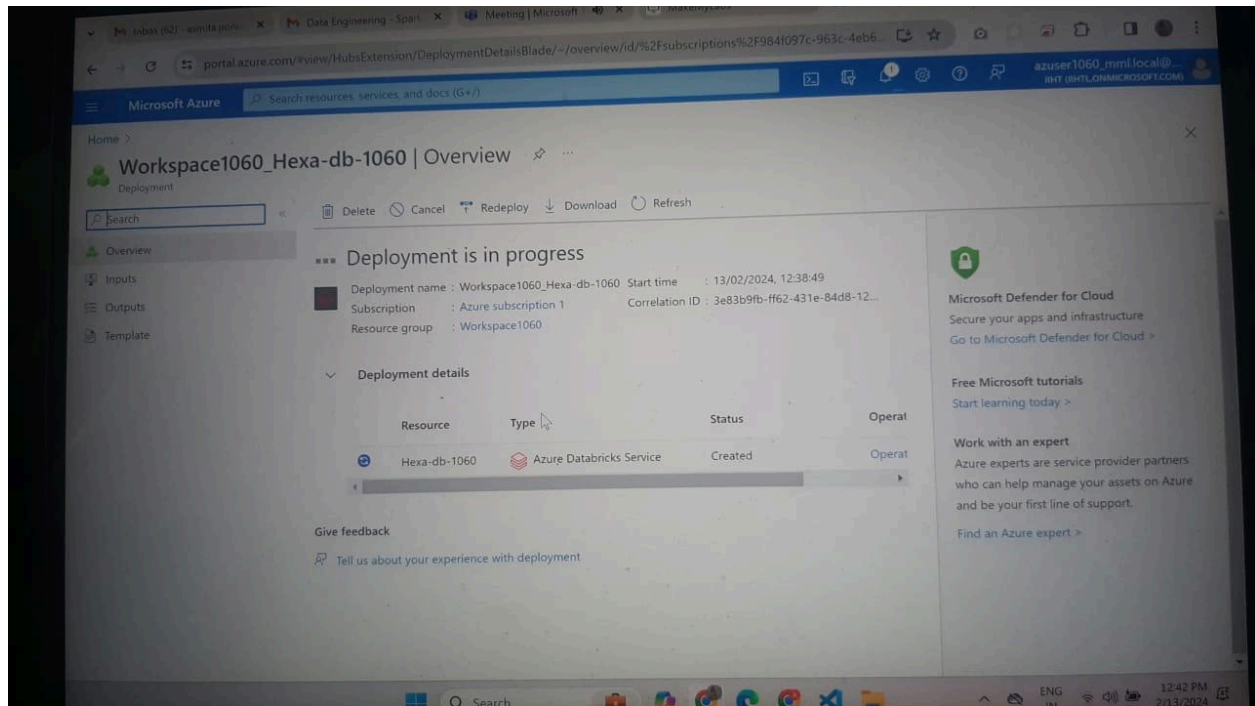
Workspace name \* Enter name for Databricks workspace

Region \* East US

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

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

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



**Creating table and visualization**

Cmd 1

```
1 sparkDF = spark.read.csv("/databricks-datasets/bikeSharing/data-001/day.csv", header="true", inferSchema="true")
2 display(sparkDF)
```

▶ (3) Spark Jobs

▶ sparkDF: pyspark.sql.dataframe.DataFrame = [[instant: integer, dteday: date ... 14 more fields]

Table Visualization 1 +

New result table: OFF

	instant	dteday	season	yr	mnth	holiday	weekday	workingday	weathersit
1	1	2011-01-01	1	0	1	0	6	0	2
2	2	2011-01-02	1	0	1	0	0	0	2
3	3	2011-01-03	1	0	1	0	1	1	1
4	4	2011-01-04	1	0	1	0	2	1	1
5	5	2011-01-05	1	0	1	0	3	1	1
6	6	2011-01-06	1	0	1	0	4	1	1
7	7	2011-01-07	1	0	1	0	5	1	2

731 rows | 18.50 seconds runtime

Refreshed 9 minutes ago

Command took 18.50 seconds -- by azuser1060\_mml.local@iitl.onmicrosoft.com at 2/13/2024, 12:48:26 PM on azuser1060\_mml.local's Cluster

[Shift+Enter] to run

[Shift+Ctrl+Enter] to run selected text

redatabricks.net/sql/queries?o=259384...

