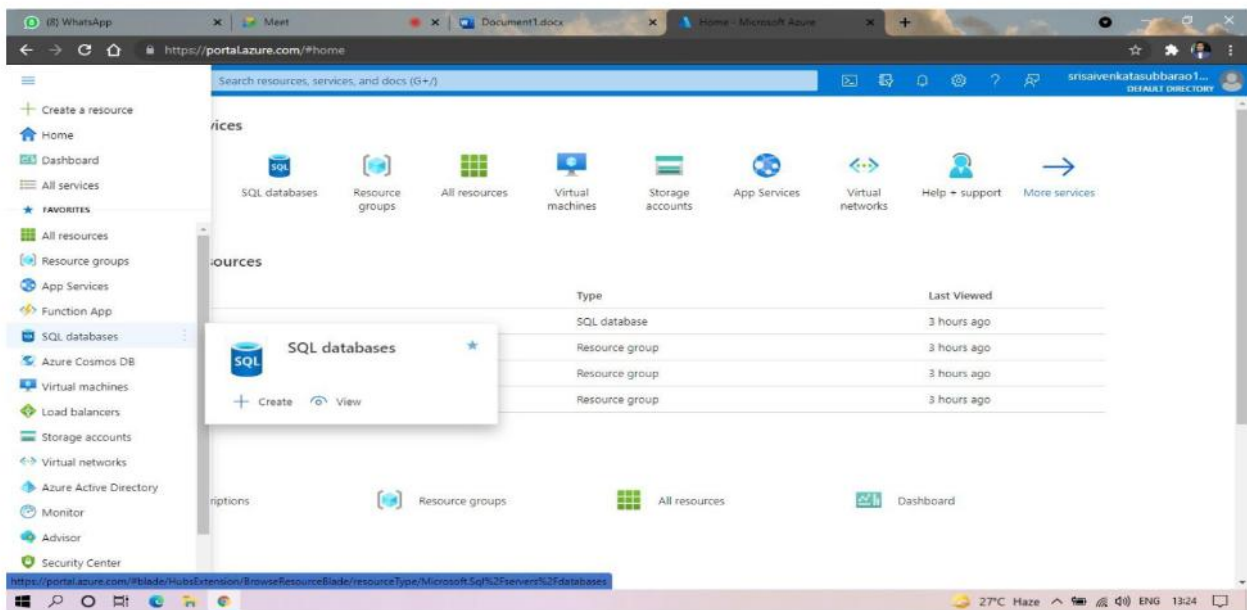


EXP NO 14:

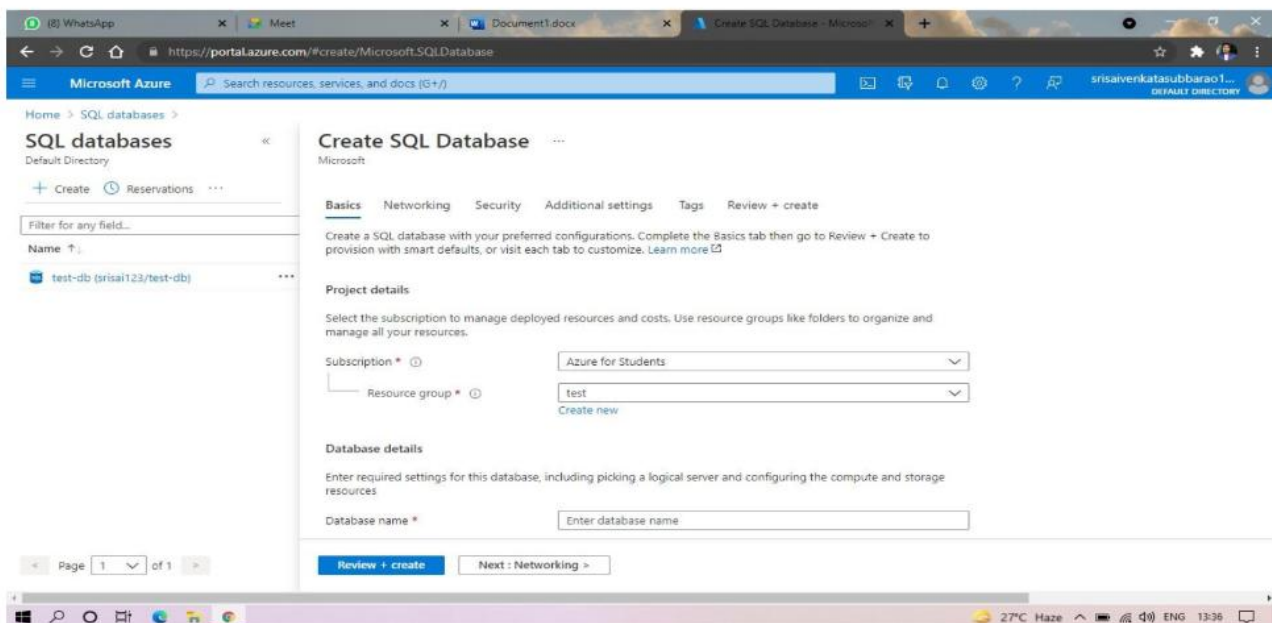
Create a SQL storage service and perform a basic query using any Public Cloud Service Provider (Azure/GCP/AWS) to demonstrate Database as a Service (DaaS)

**STEP1: GOTO AZURE AND GOTO SQLDATABASE.**

**STEP 02:- Now Create a Sql Database**



**STEP3: SELECT THE RESOURCE GROUP AND ENTER THE SERVERNAME THAT APPLICABLE.**



## STEP4: IN NETWORKING SELECT ALLOW AZURE SERVICES AND RESOURCES TO ACCESS THIS SERVER.

Home > SQL databases >

### Create SQL Database

Microsoft

Basics **Networking** Security Additional settings Tags Review + create

Configure network access and connectivity for your server. The configuration selected below will apply to the selected server 'srsai123' and all databases it manages. [Learn more](#)

**Firewall rules**

The settings displayed below are read-only. They can be modified from the "Firewalls and virtual networks" blade after database creation. [Learn more](#)

Allow Azure services and resources to access this server: ☒ No ☒ Yes

**Private endpoints**

Private endpoint connections are associated with a private IP address within a Virtual Network. The list below shows all the private endpoint connections for this server. Note that private endpoint connections are defined at the server level and they provide access to all databases in the server. [Learn more](#)

+ Add private endpoint

Name	Subscription	Resource group	Region	Subnet
------	--------------	----------------	--------	--------

Click on add to create private endpoint

[Review + create](#) [< Previous](#) [Next : Security >](#)

Home > SQL databases >

### Create SQL Database

Microsoft

Basics Networking Security **Additional settings** Tags Review + create

Customize additional configuration parameters including collation & sample data.

**Data source**

Start with a blank database, restore from a backup or select sample data to populate your new database.

Use existing data \* ☒ None ☐ Backup ☐ Sample

**Database collation**

Database collation defines the rules that sort and compare data, and cannot be changed after database creation. The default database collation is SQL\_Latin1\_General\_CP1\_CI\_AS. [Learn more](#)

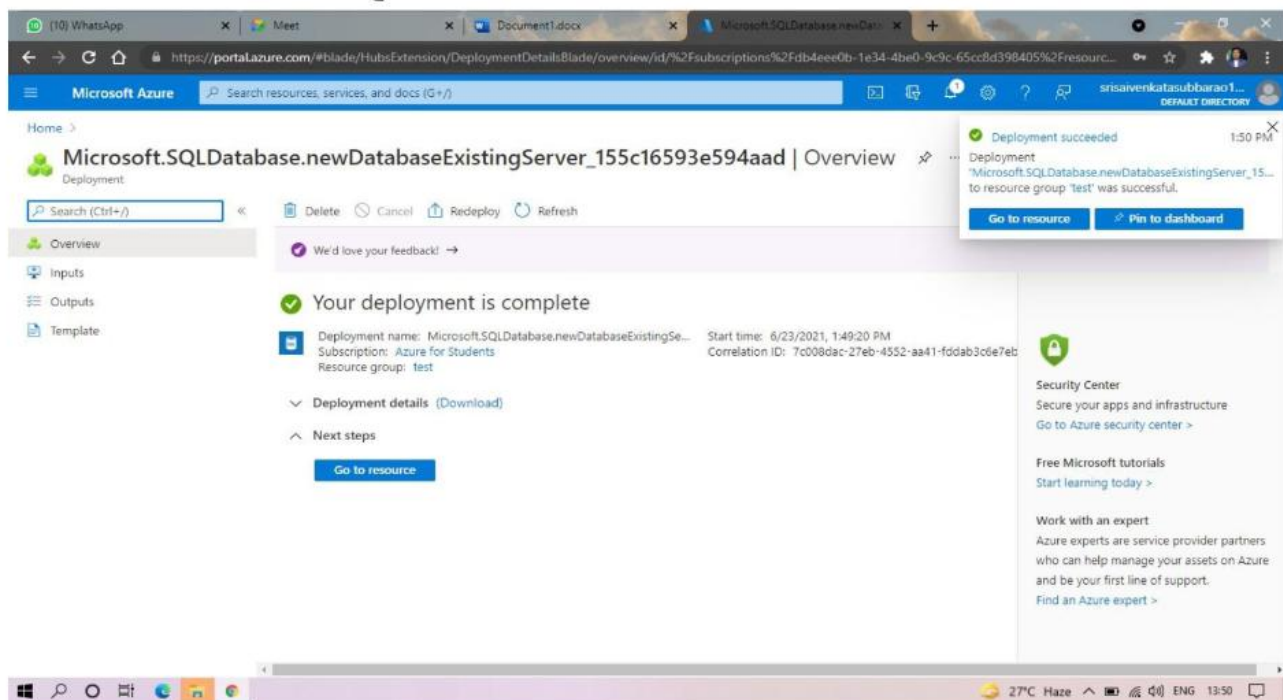
Collation \*  [Find a collation](#)

**Maintenance window**

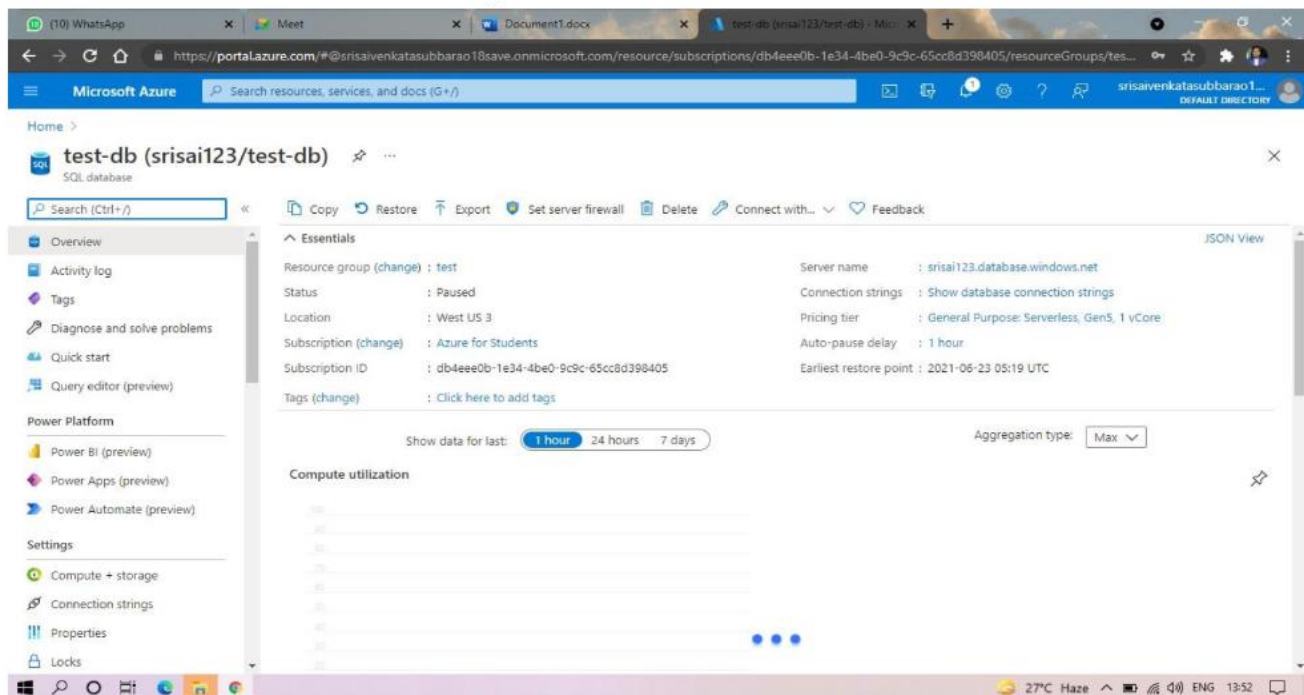
Select a preferred maintenance window from the drop down. Please note, during a maintenance event, Azure SQL Database are fully available and accessible but some of the maintenance updates require a failover as Azure takes SQL

[Review + create](#) [< Previous](#) [Next : Tags >](#)

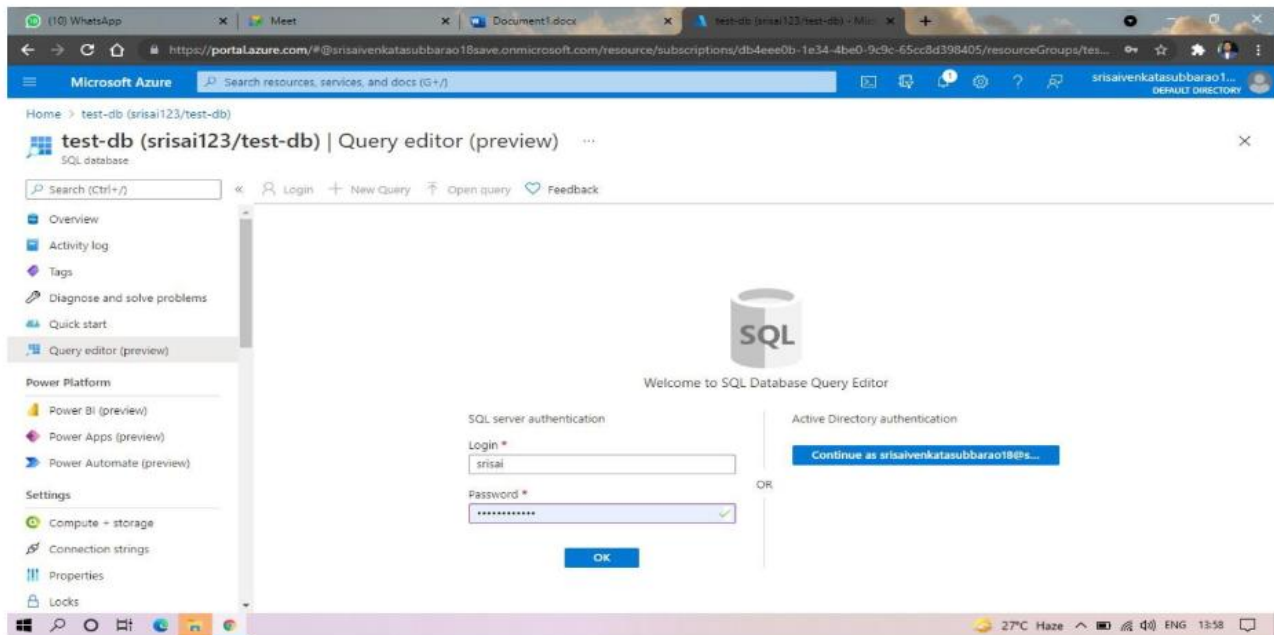
## STEP6:AND THE SQL DATABASE IS DEPLOYED.



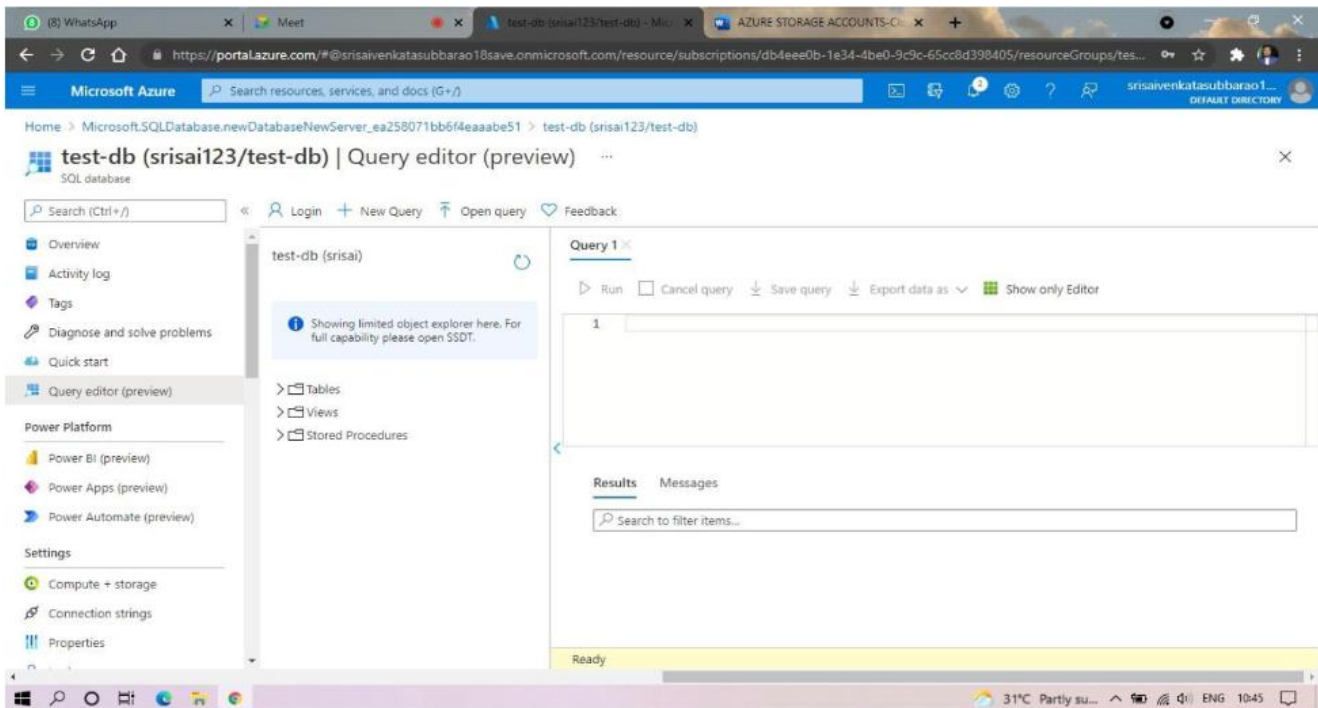
## STEP7:AND NOW GOTO QUERY EDITOR.



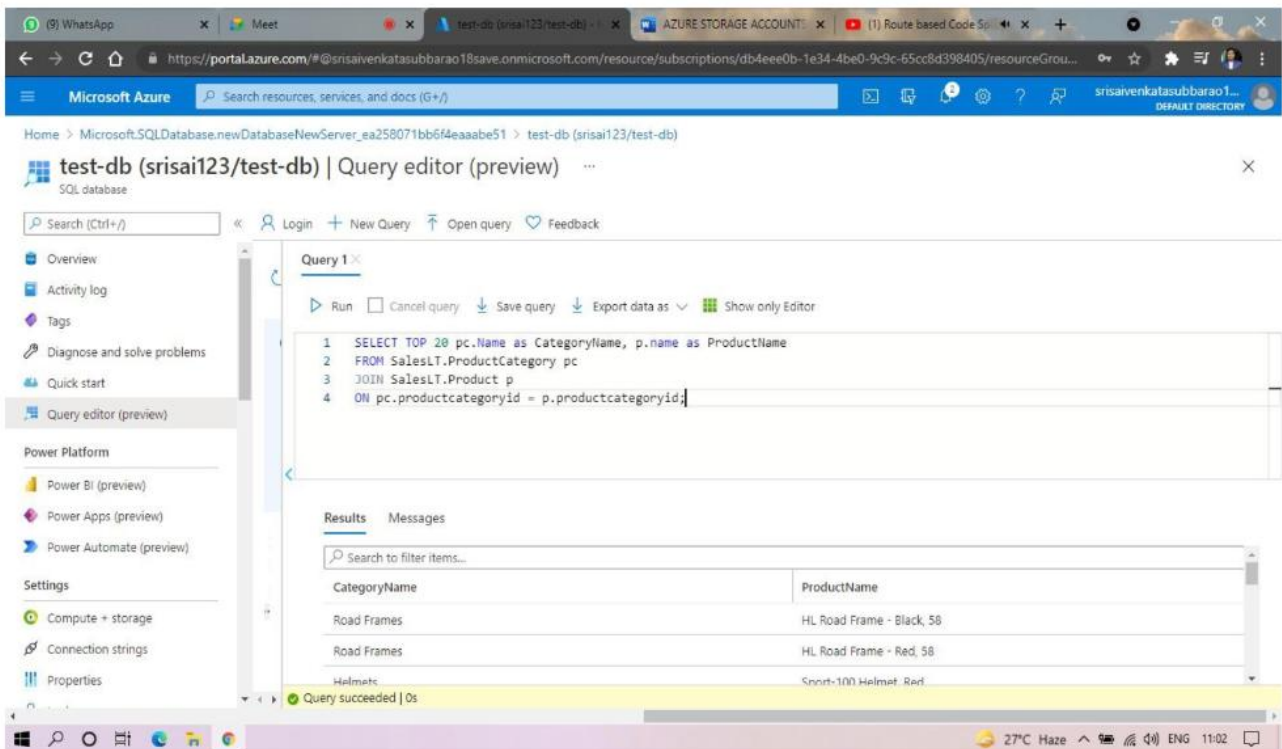
## STEP8:AND NOW AGAIN LOGIN TO THE SQLDATADATABASE



## STEP: AND OUR TABLES WILL SHOWN AND TYPE THE QUERY TO EXECUTED.



## STEP10: AND OUR OUTPUT IS READY.



The screenshot shows the Microsoft Azure portal interface. The browser address bar displays the URL: <https://portal.azure.com/#@srisaivenkatasubbarao18save.onmicrosoft.com/resource/subscriptions/db4eee0b-1e34-4be0-9c9c-65cc8d398405/resourceGroup...>. The page title is "test-db (srisai123/test-db) | Query editor (preview)".

The left sidebar contains navigation options: Overview, Activity log, Tags, Diagnose and solve problems, Quick start, and Query editor (preview). The main content area shows the Query editor interface with a search bar, login button, and a list of actions: New Query, Open query, and Feedback.

The query editor displays the following SQL query:

```
1 SELECT TOP 20 pc.Name as CategoryName, p.name as ProductName
2 FROM SalesLT.ProductCategory pc
3 JOIN SalesLT.Product p
4 ON pc.productcategoryid = p.productcategoryid;
```

The query is executed, and the results are displayed in a table with columns CategoryName and ProductName. The results are as follows:

CategoryName	ProductName
Road Frames	HL Road Frame - Black, 58
Road Frames	HL Road Frame - Red, 58
Helmet	Sprint-100 Helmet - Red

The status bar at the bottom indicates "Query succeeded | 0s".