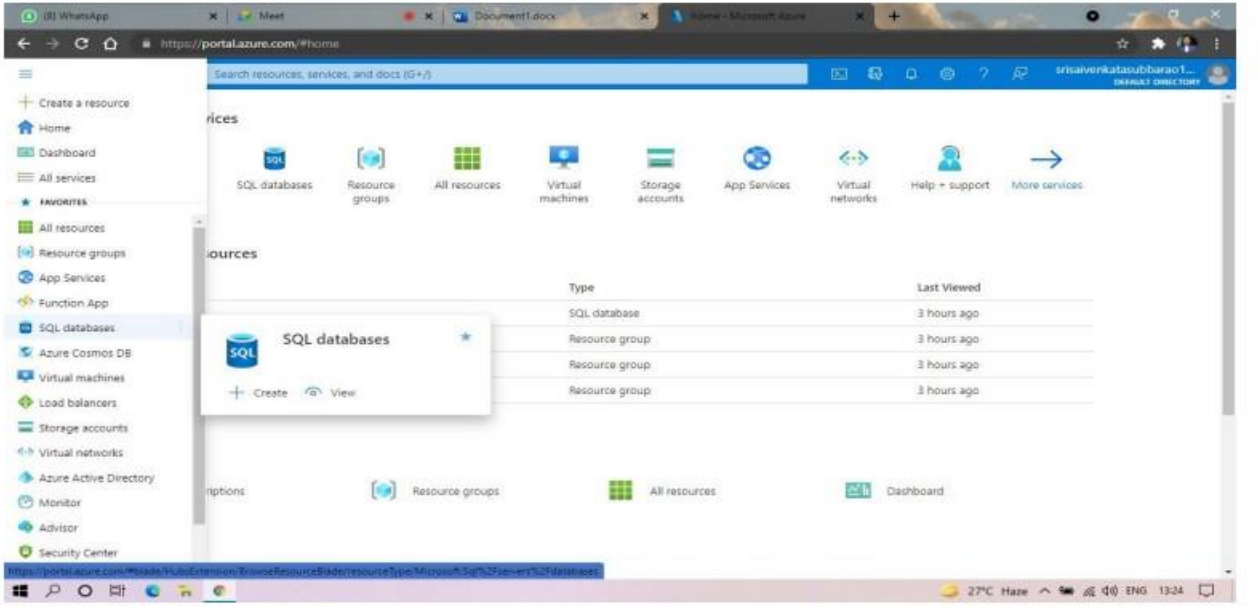
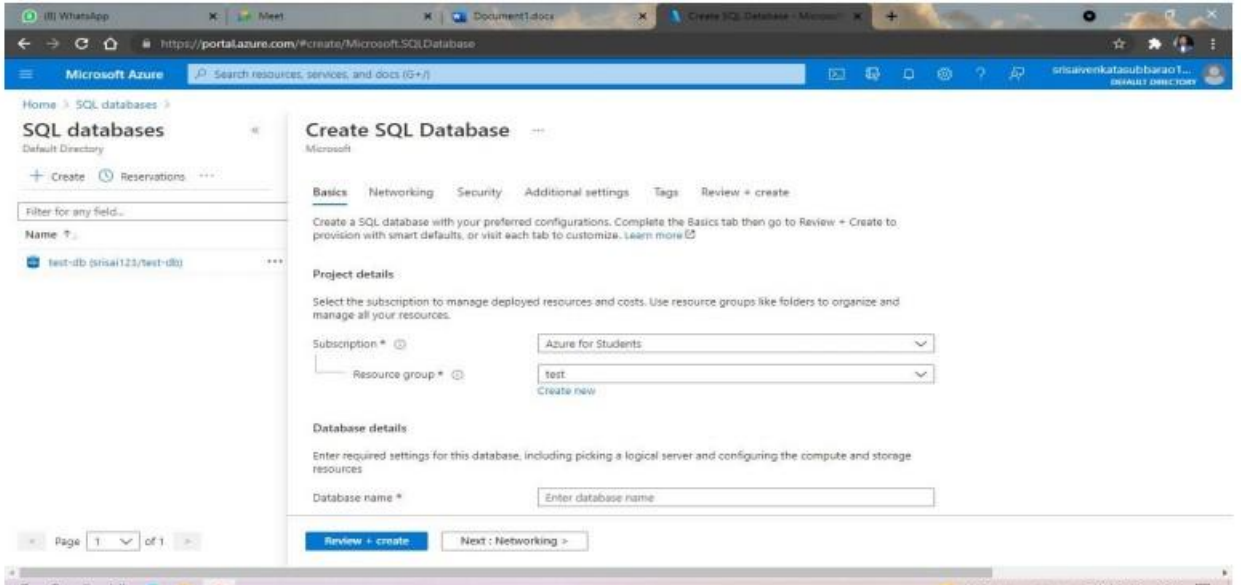
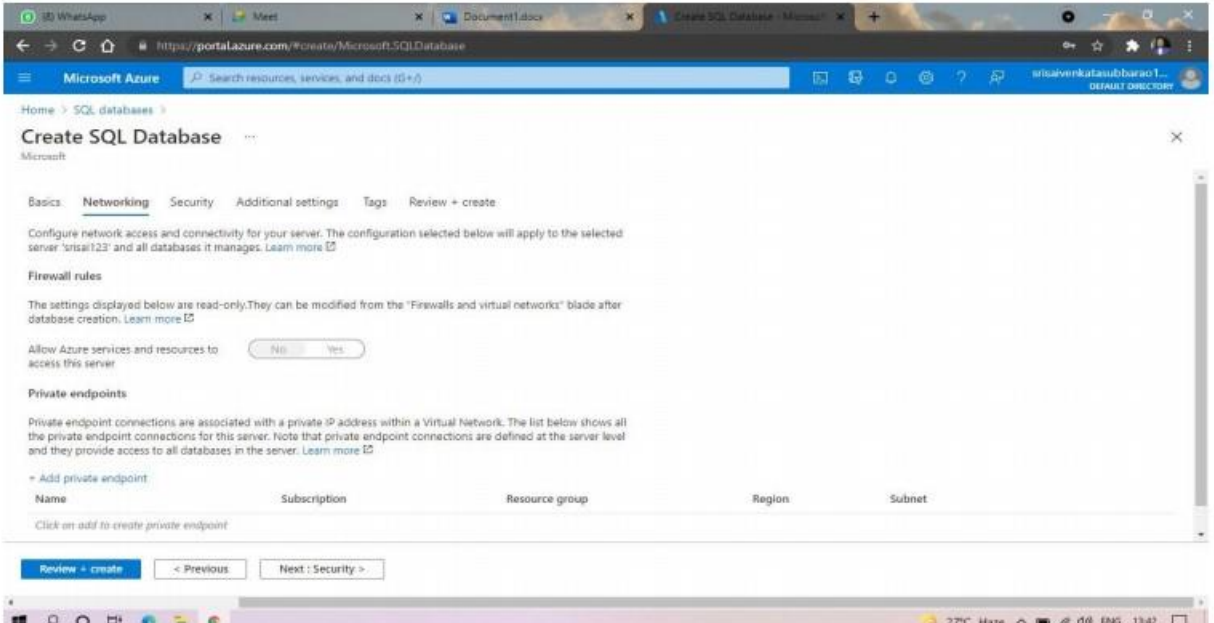
1. Create a SQL storage service and perform a basic query using any Public Cloud Service

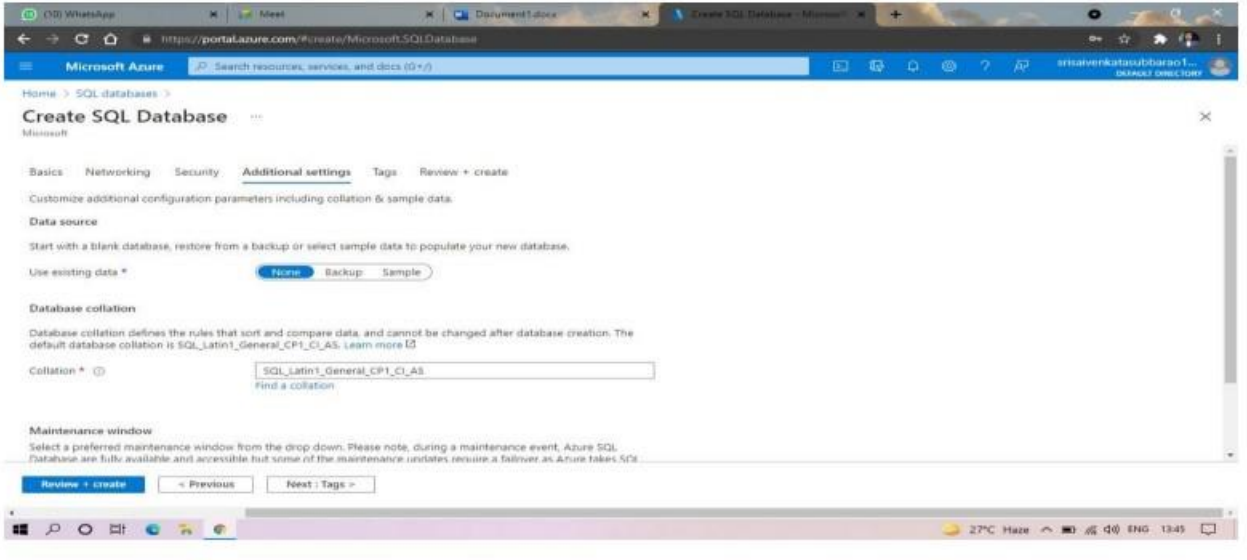
Provider (Azure/GCP/AWS) to demonstrate Database as a Service (DaaS)

OUTPUT :-

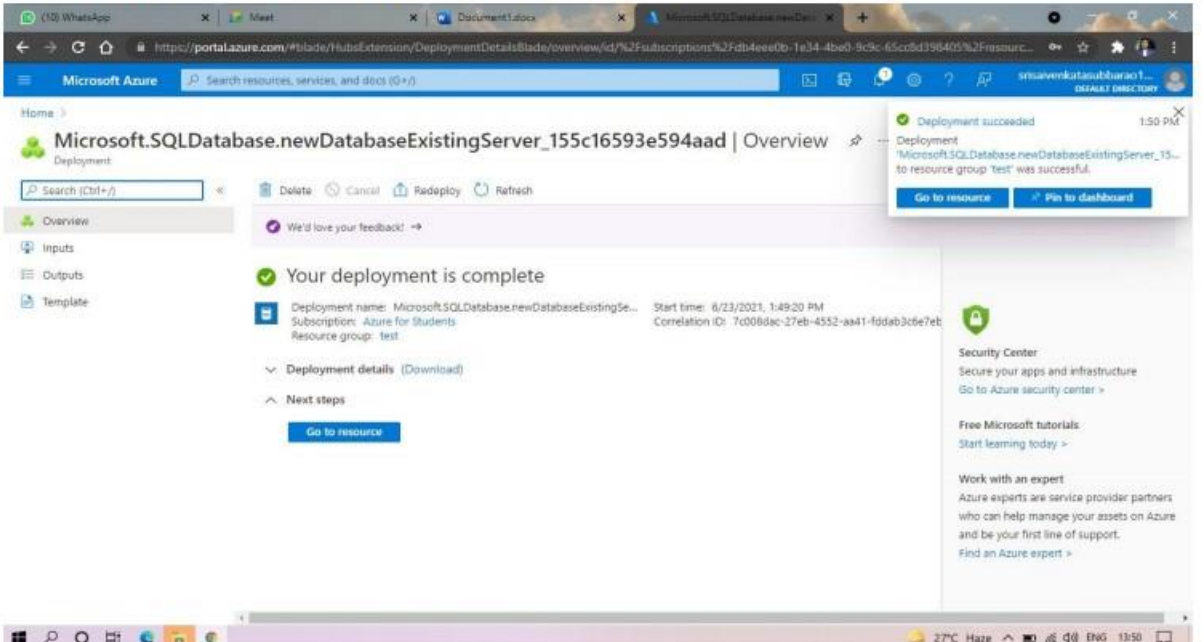

(8) WhatsApp
Meet
Document1.docx
Home - Microsoft Azure
https://portal.azure.com/#home
Search resources, services, and docs (G+/)
srisaiverikatasubbarao1...
DEFAULT DIRECTORY
Create a resource
Home
Dashboard
All services
FAVORITES
All resources
Resource groups
App Services
Function App
SQL databases
Azure Cosmos DB
Virtual machines
Load balancers
Storage accounts
Virtual networks
Azure Active Directory
Monitor
Advisor
Security Center
rices
SQL databases
Resource groups
All resources
Virtual machines
Storage accounts
App Services
Virtual networks
Help + support
More services
ources
Type
Last Viewed
SQL database
3 hours ago
Resource group
3 hours ago
Resource group
3 hours ago
Resource group
3 hours ago
SQL databases
Create
View
iptions
Resource groups
All resources
Dashboard
https://portal.azure.com/#blade/HubsExtension/BrowseResourceBlade/resourceType/Microsoft.Sql%2Fservers%2Fdatabases
27°C Haze
ENG
13:24

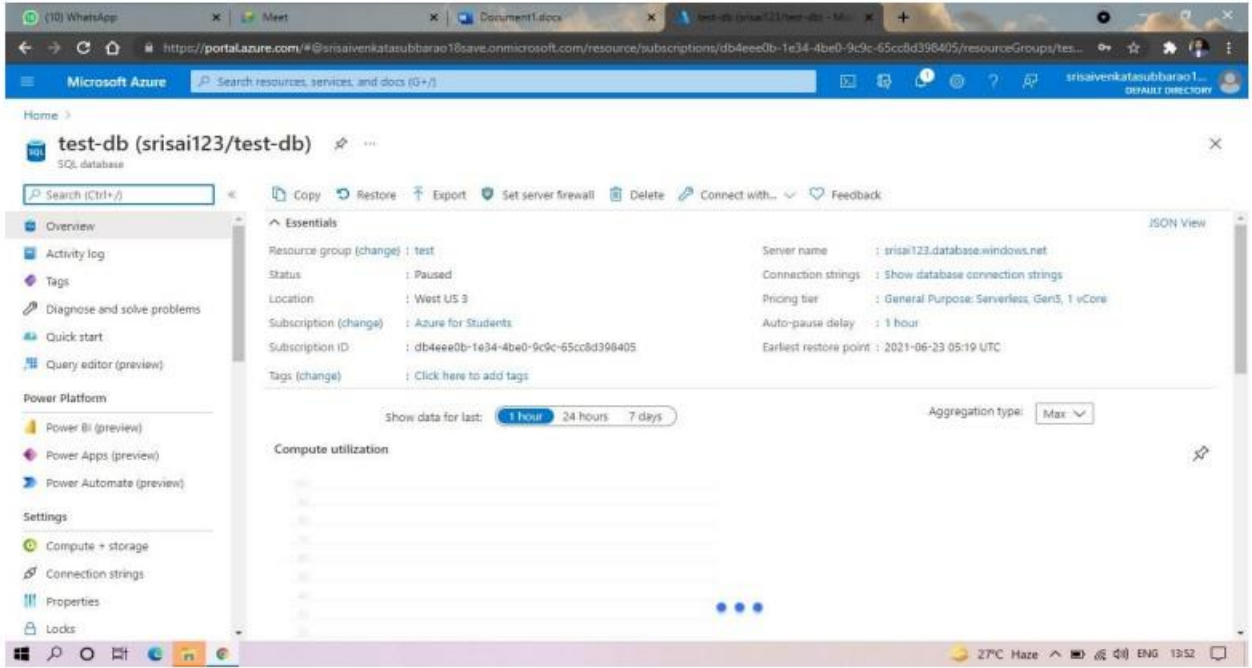

(8) WhatsApp
Meet
Document1.docx
Create SQL Database - Microsoft
https://portal.azure.com/#create/Microsoft.SQLDatabase
Microsoft Azure
Search resources, services, and docs (G+/)
srisaivenkatasubbaraoT...
DEFAULT DIRECTORY
Home > SQL databases >
SQL databases
Default Directory
+ Create
Reservations
Filter for any field...
Name
test-db (srisai123/test-db)
Page 1 of 1
Create SQL Database
Microsoft
Basics
Networking
Security
Additional settings
Tags
Review + create
Create a SQL database with your preferred configurations. Complete the Basics tab then go to Review + Create to provision with smart defaults, or visit each tab to customize. Learn more
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 for Students
Resource group *
test
Create new
Database details
Enter required settings for this database, including picking a logical server and configuring the compute and storage resources
Database name *
Enter database name
Review + create
Next : Networking >
27°C Haze
ENG
13:36

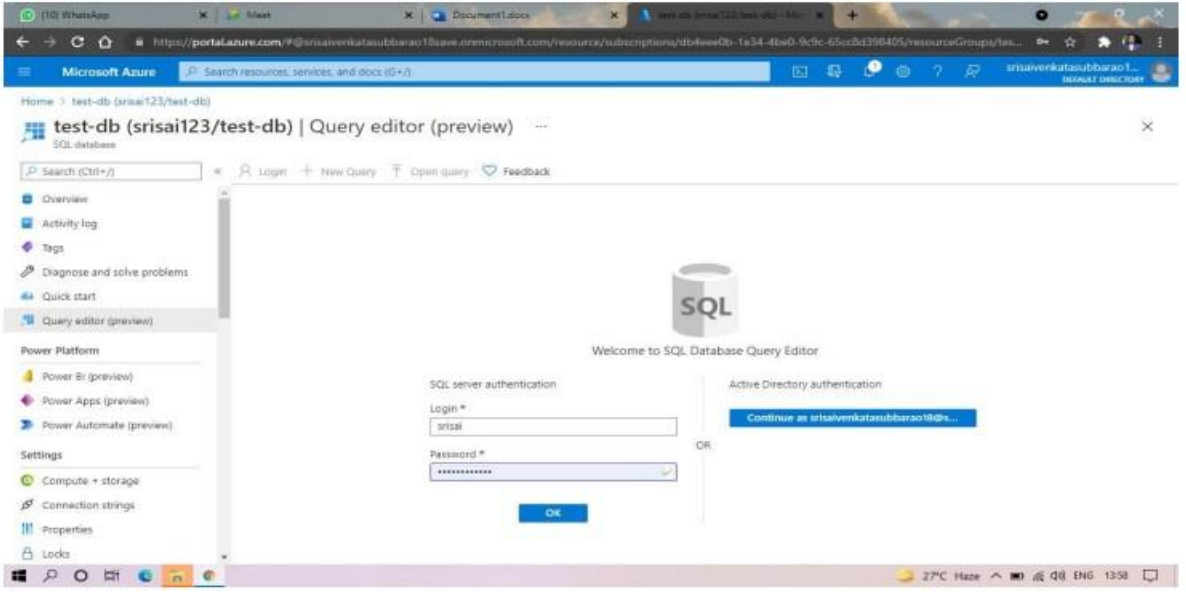

Microsoft Azure
Search resources, services, and docs (G+/)
srisaivenkatasubbarao1...
DEFAULT DIRECTORY
Home > SQL databases >
Create SQL Database
Microsoft
Basics
Networking
Security
Additional settings
Tags
Review + create
Configure network access and connectivity for your server. The configuration selected below will apply to the selected server 'srisai123' 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 >
27°C Haze
ENG
13:42

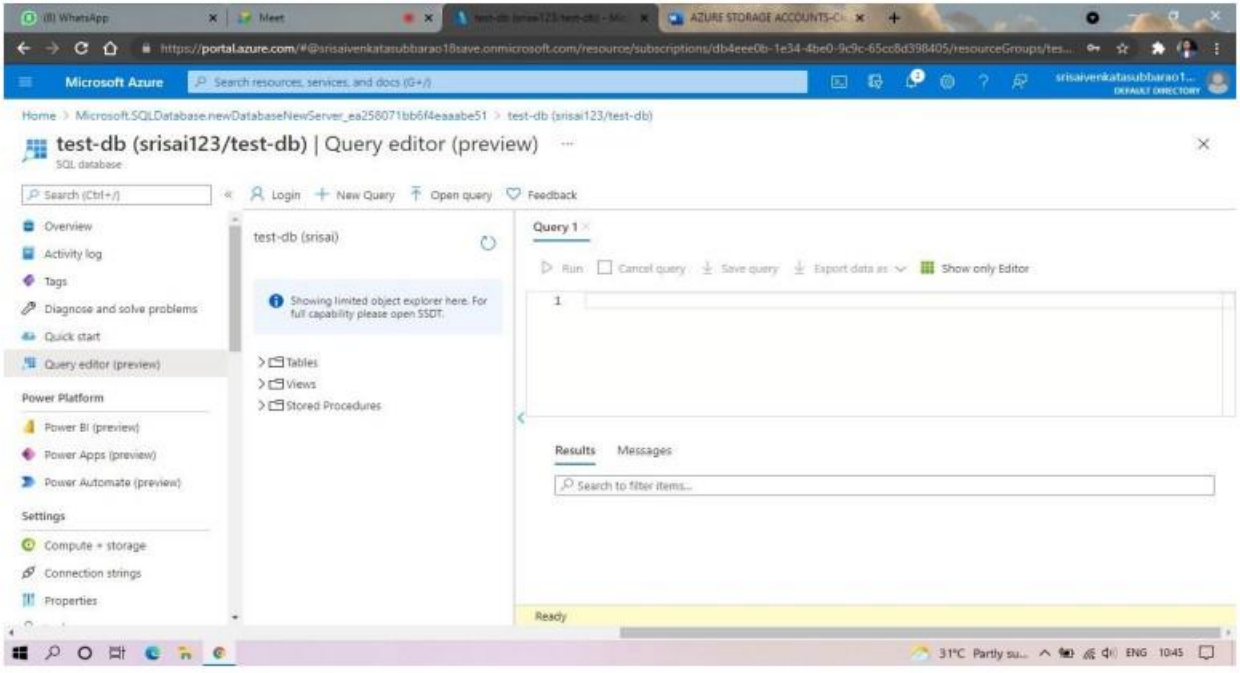

Microsoft Azure
Search resources, services, and docs (G+/)
Home > SQL databases >
Create SQL Database
Microsoft
Basics Networking Security Additional settings Tags Review + create
Customize additional configuration parameters including collation & sample data.
Data source
Start with a blank database, 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 *
SQL_Latin1_General_CP1_CI_AS
Find a collation
Maintenance window
Select a preferred maintenance window from the drop down. Please note, during a maintenance event, Azure SQL
Review + create
< Previous
Next : Tags >

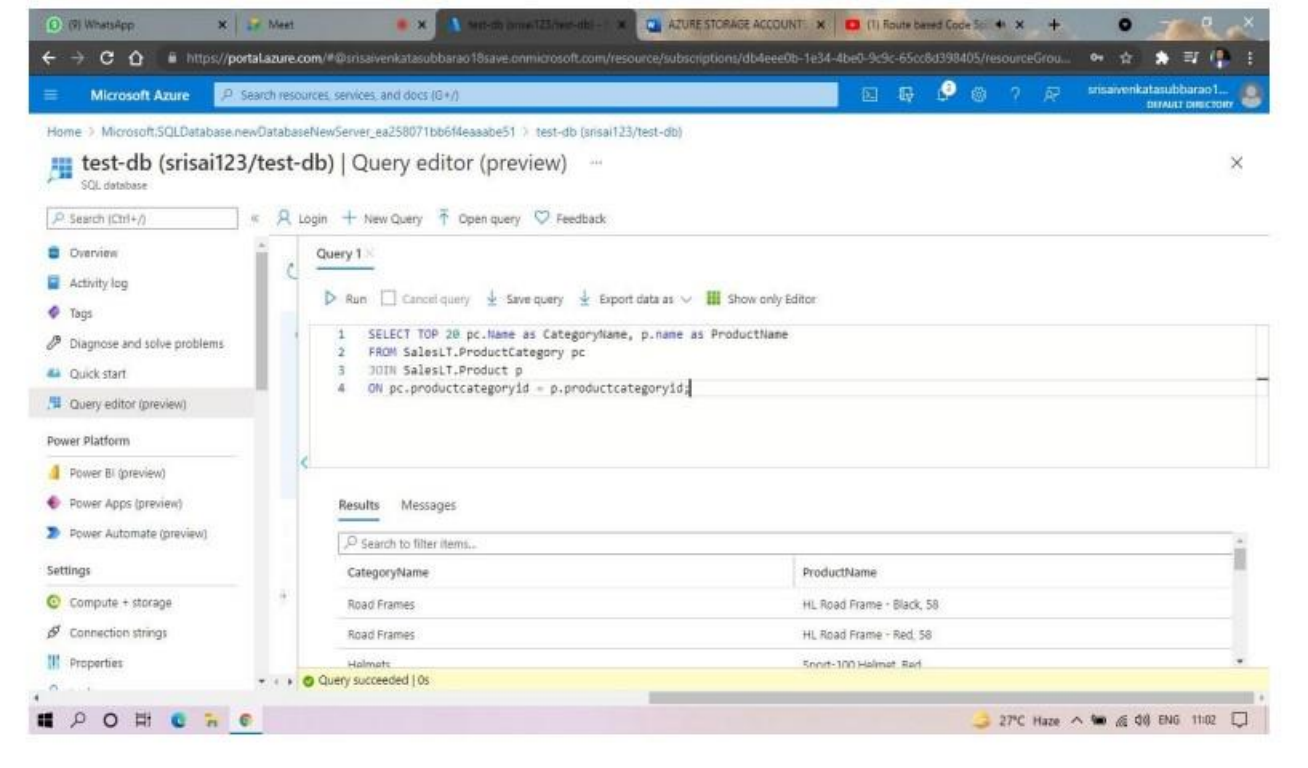
STEP:3AND THE SQL DATABASE IS DEPLOYED.




(10) WhatsApp
Meet
Document1.docx
https://portal.azure.com/#@srisaivenkatasubbarao18save.onmicrosoft.com/resource/subscriptions/db4eee0b-1e34-4be0-9c9c-65cc8d398405/resourceGroups/tes...
Microsoft Azure
Search resources, services, and docs (G+/)
srisaivenkatasubbarao1...
DEFAULT DIRECTORY
Home
test-db (srisai123/test-db)
SQL database
Search (Ctrl+/)
Copy
Restore
Export
Set server firewall
Delete
Connect with...
Feedback
Overview
Activity log
Tags
Diagnose and solve problems
Quick start
Query editor (preview)
Power Platform
Power BI (preview)
Power Apps (preview)
Power Automate (preview)
Settings
Compute + storage
Connection strings
Properties
Locks
Essentials
JSON View
Resource group (change) : test
Status : Paused
Location : West US 3
Subscription (change) : Azure for Students
Subscription ID : db4eee0b-1e34-4be0-9c9c-65cc8d398405
Tags (change) : Click here to add tags
Server name : srisai123.database.windows.net
Connection strings : Show database connection strings
Pricing tier : General Purpose: Serverless, Gen5, 1 vCore
Auto-pause delay : 1 hour
Earliest restore point : 2021-06-23 05:19 UTC
Show data for last:
1 hour
24 hours
7 days
Aggregation type:
Max
Compute utilization
27°C Haze
ENG
13:52


Microsoft Azure
Search resources, services, and docs (G+/)
Home > test-db (srisai123/test-db)
test-db (srisai123/test-db) | Query editor (preview)
SQL database
Search (Ctrl+/)
Login
New Query
Open query
Feedback
Overview
Activity log
Tags
Diagnose and solve problems
Quick start
Query editor (preview)
Power Platform
Power BI (preview)
Power Apps (preview)
Power Automate (preview)
Settings
Compute + storage
Connection strings
Properties
Locks
SQL
Welcome to SQL Database Query Editor
SQL server authentication
Login *
srisai
Password *
OK
OR
Active Directory authentication
Continue as srisaivenkatasubbarao18@c...


(8) WhatsApp
Meet
AZURE STORAGE ACCOUNTS-Cl
https://portal.azure.com/#@srisaivenkatasubbarao18save.onmicrosoft.com/resource/subscriptions/db4eee0b-1e34-4be0-9c9c-65cc8d398405/resourceGroups/tes...
Microsoft Azure
Search resources, services, and docs (G+/)
srisaivenkatasubbarao1...
DEFAULT DIRECTORY
Home > Microsoft.SQLDatabase.newDatabaseNewServer_ea258071bb6f4eaaabe51 > test-db (srisai123/test-db)
test-db (srisai123/test-db) | Query editor (preview)
SQL database
Search (Ctrl+/)
Login
New Query
Open query
Feedback
Overview
Activity log
Tags
Diagnose and solve problems
Quick start
Query editor (preview)
Power Platform
Power BI (preview)
Power Apps (preview)
Power Automate (preview)
Settings
Compute + storage
Connection strings
Properties
test-db (srisai)
Showing limited object explorer here. For full capability please open SSDT.
Tables
Views
Stored Procedures
Query 1
Run
Cancel query
Save query
Export data as
Show only Editor
1
Results
Messages
Search to filter items...
Ready
31°C Partly su...
ENG
10:45


(9) WhatsApp
Meet
AZURE STORAGE ACCOUNT
(1) Route based Code
https://portal.azure.com/#@srisaivenkatasubbarao18save.onmicrosoft.com/resource/subscriptions/db4eee0b-1e34-4be0-9c9c-65cc8d398405/resourceGrou...
Microsoft Azure
Search resources, services, and docs (G+/)
srisaivenkatasubbarao1...
DEFAULT DIRECTORY
Home > Microsoft.SQLDatabase.newDatabaseNewServer_ea258071bb6f4eaaabe51 > test-db (srisai123/test-db)
test-db (srisai123/test-db) | Query editor (preview)
SQL database
Search (Ctrl+/)
Login
New Query
Open query
Feedback
Overview
Activity log
Tags
Diagnose and solve problems
Quick start
Query editor (preview)
Power Platform
Power BI (preview)
Power Apps (preview)
Power Automate (preview)
Settings
Compute + storage
Connection strings
Properties
Query 1
Run
Cancel query
Save query
Export data as
Show only Editor
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;
Results
Messages
Search to filter items...
CategoryName
ProductName
Road Frames
HL Road Frame - Black, 58
Road Frames
HL Road Frame - Red, 58
Helmets
Sport-100 Helmet, Red
Query succeeded | 0s
27°C Haze
ENG
11:02