LAB MANUAL

CSA1517 - CLOUD COMPUTING AND BIG DATA ANALYTICS FOR HADOOP APPLICATIONS

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EXP26.CREATE A SQL STORAGE SERVICE AND PERFORM A BASIC QUERY USINGANY PUBLIC CLOUD SERVICE PROVIDER (AZURE/GCP/AWS) TO DEMONSTRATE DATABASE AS A SERVICE (DAAS)

AIM:

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)

PROCEDURE:

STEP1: GOTO AZURE AND GOTO SQLDATABASE.

STEP 02: Now Create a Sql Databse

STEP3: SELECT THE RESOURCE GROUPAND ENTER THE SERVERNAMETHATAPPLICABLE.

STEP4: IN NETWORKING SELECT ALLOW AZURE SERVICES AND

RESOURCES TO ACCESS THIS SERVER.

STEP5: IN ADDITIONAL SETTINGS SELECT SAMPLE.

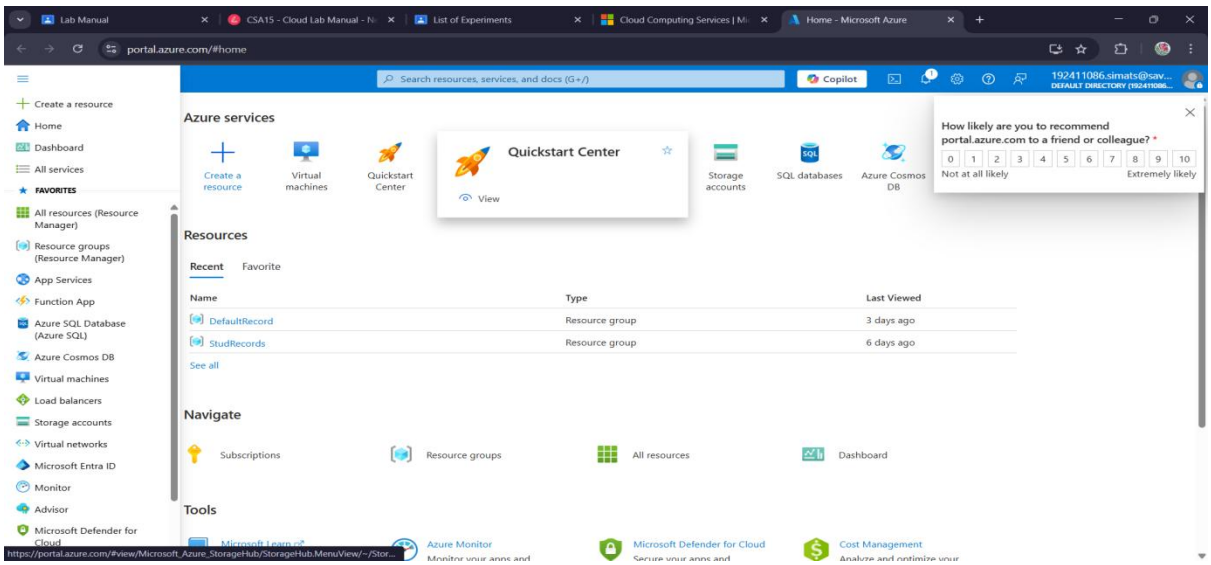
STEP6:AND THE SQL DATABASE IS DEPLOYED

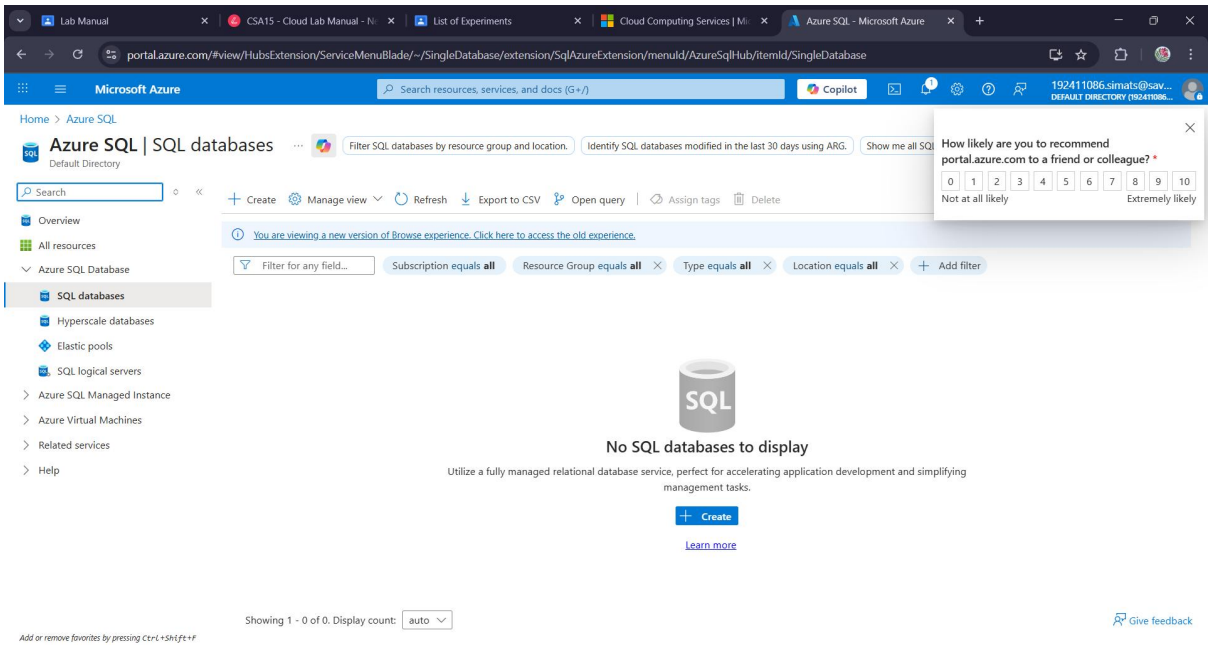
TEP7: NOW GOTO QUERY EDITOR.

STEP8: NOW AGAIN LOGIN TO THE SQLDATADATABASE

STEP9: OUR TABLES WILL SHOWN AND TYPE THE QUERY TO EXCUTED.

IMPLEMENTATION:

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List of Experiments
Cloud Computing Services | Mi
Azure SQL - Microsoft Azure
portal.azure.com/#view/HubsExtension/ServiceMenuBlade/~/SingleDatabase/extension/SqlAzureExtension/menuId/AzureSqlHub/itemId/SingleDatabase
Microsoft Azure
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Copilot
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DEFAULT DIRECTORY (192411086...
Home > Azure SQL
Azure SQL | SQL databases
Default Directory
Filter SQL databases by resource group and location.
Identify SQL databases modified in the last 30 days using ARG.
Show me all SQ
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0 1 2 3 4 5 6 7 8 9 10
Not at all likely
Extremely likely
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Delete
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All resources
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Hyperscale databases
Elastic pools
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Type equals all
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Utilize a fully managed relational database service, perfect for accelerating application development and simplifying management tasks.
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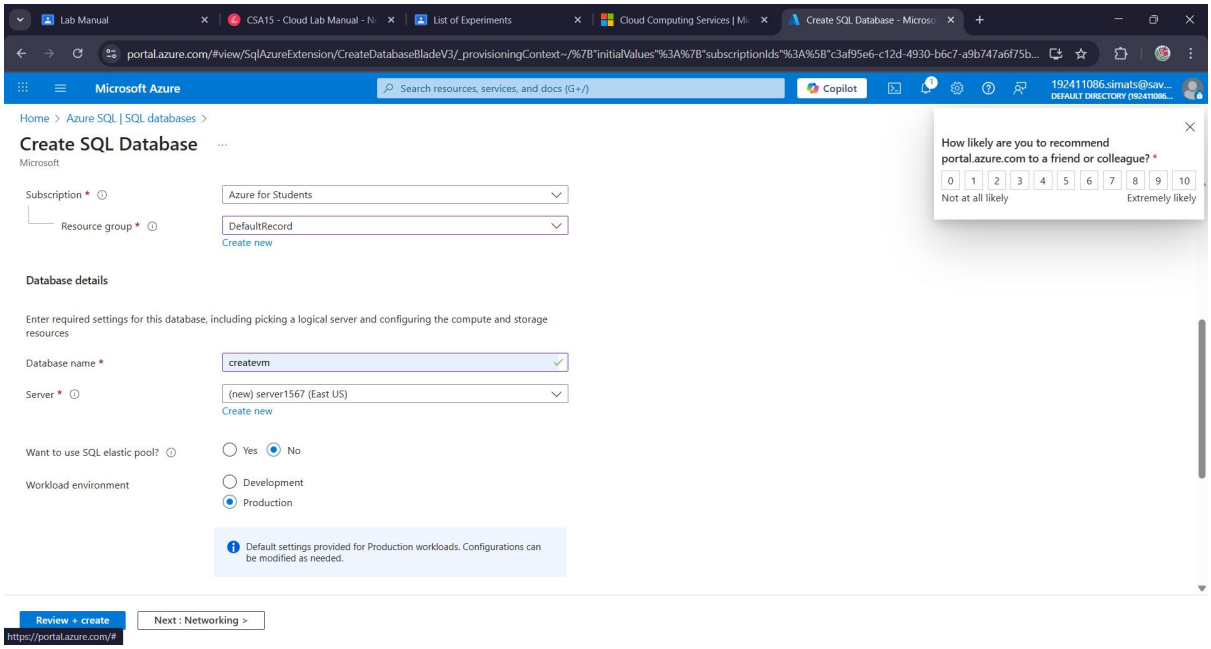
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Cloud Computing Services | Mi
Create SQL Database - Microso
portal.azure.com/#view/SqlAzureExtension/CreateDatabaseBladeV3/_provisioningContext~/%7B"initialValues"%3A%7B"subscriptionIds"%3A%5B"c3af95e6-c12d-4930-b6c7-a9b747a6f75b...
Microsoft Azure
Search resources, services, and docs (G+/)
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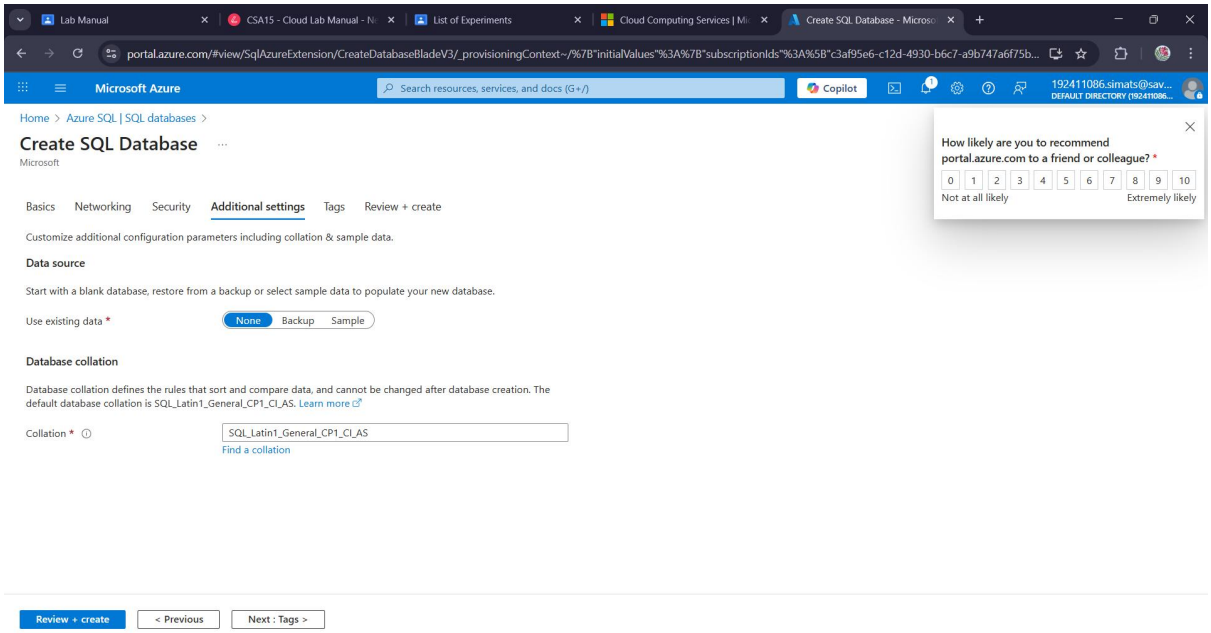
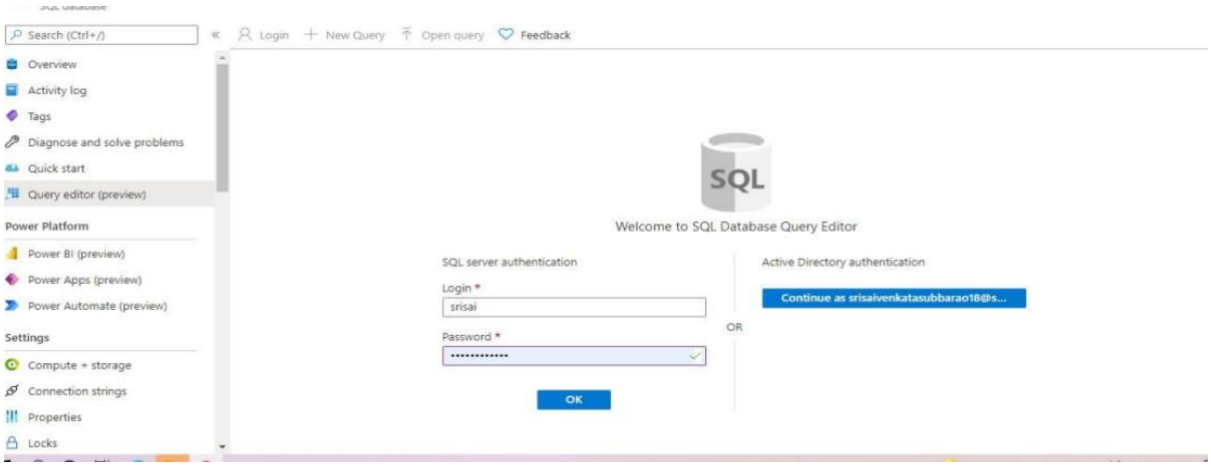
Home > Azure SQL | SQL databases >
Create SQL Database
Microsoft
How likely are you to recommend portal.azure.com to a friend or colleague? *
0 1 2 3 4 5 6 7 8 9 10
Not at all likely
Extremely likely
Subscription *
Azure for Students
Resource group *
DefaultRecord
Create new
Database details
Enter required settings for this database, including picking a logical server and configuring the compute and storage resources
Database name *
createvm
Server *
(new) server1567 (East US)
Create new
Want to use SQL elastic pool?
Yes
No
Workload environment
Development
Production
Default settings provided for Production workloads. Configurations can be modified as needed.
Review + create
Next : Networking >
https://portal.azure.com/#





Result:

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) has been created.