# IT4090
# Cloud Computing
# 4th Year, 1st Semester

## <Azure Lab 05>

## Create a single database - Azure SQL Database

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**IT21303548**

Submitted to

Sri Lanka Institute of Information Technology

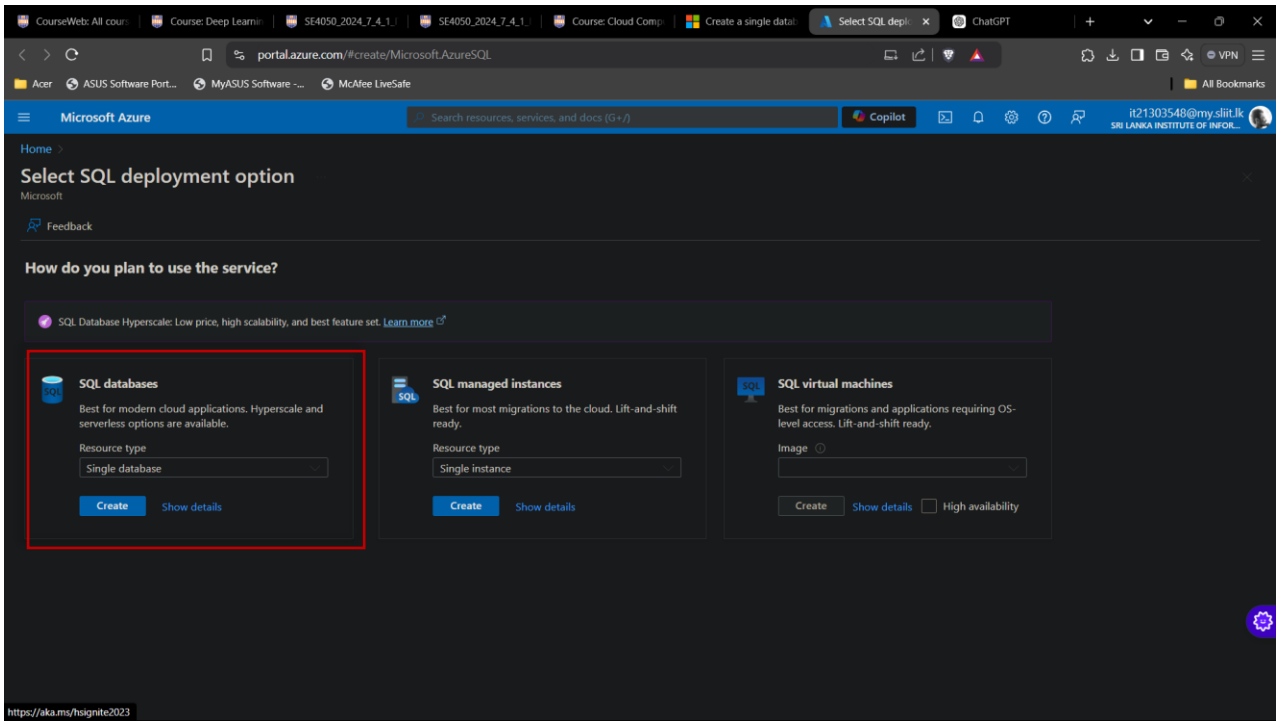
In partial fulfillment of the requirements for the

Bachelor of Science Special Honors Degree in Information Technology

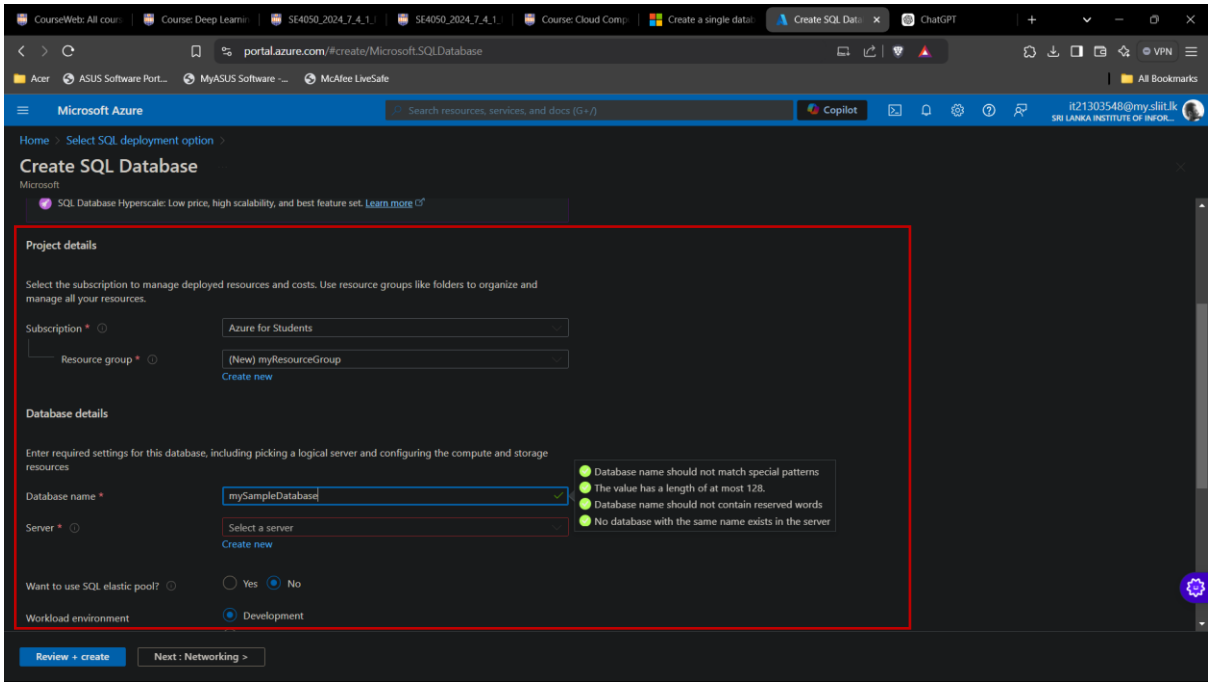
<09.30.2024>

1. Create a single Database

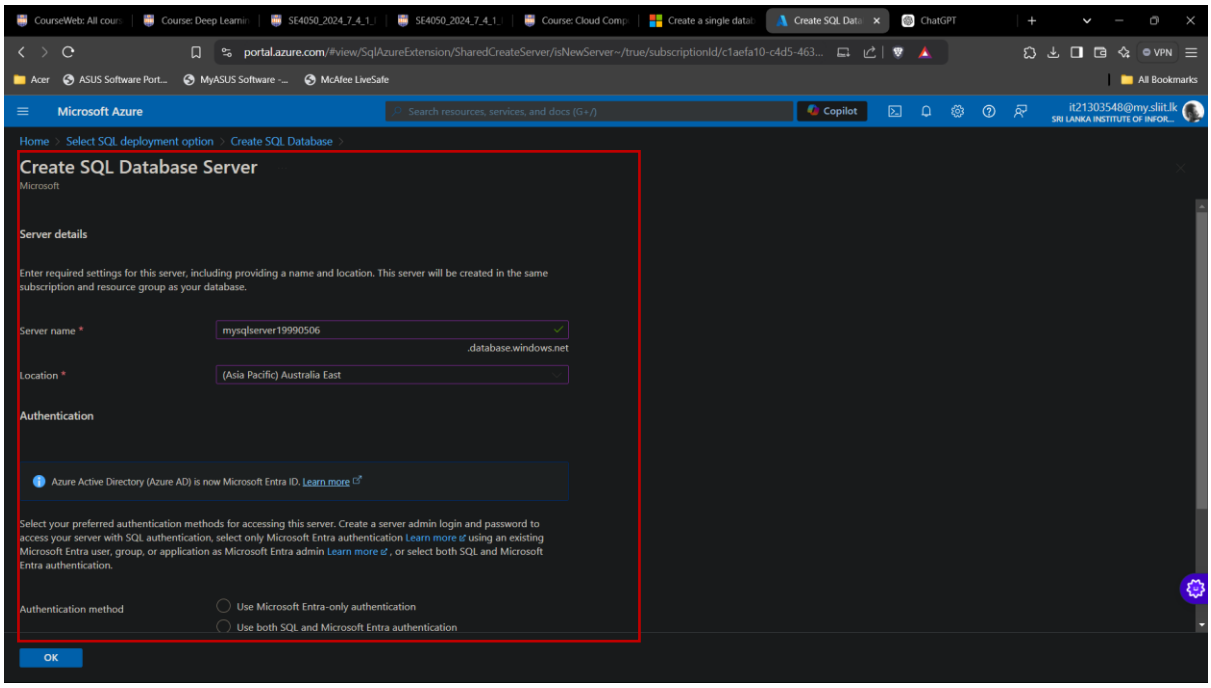
- Select the SQL database with single database option



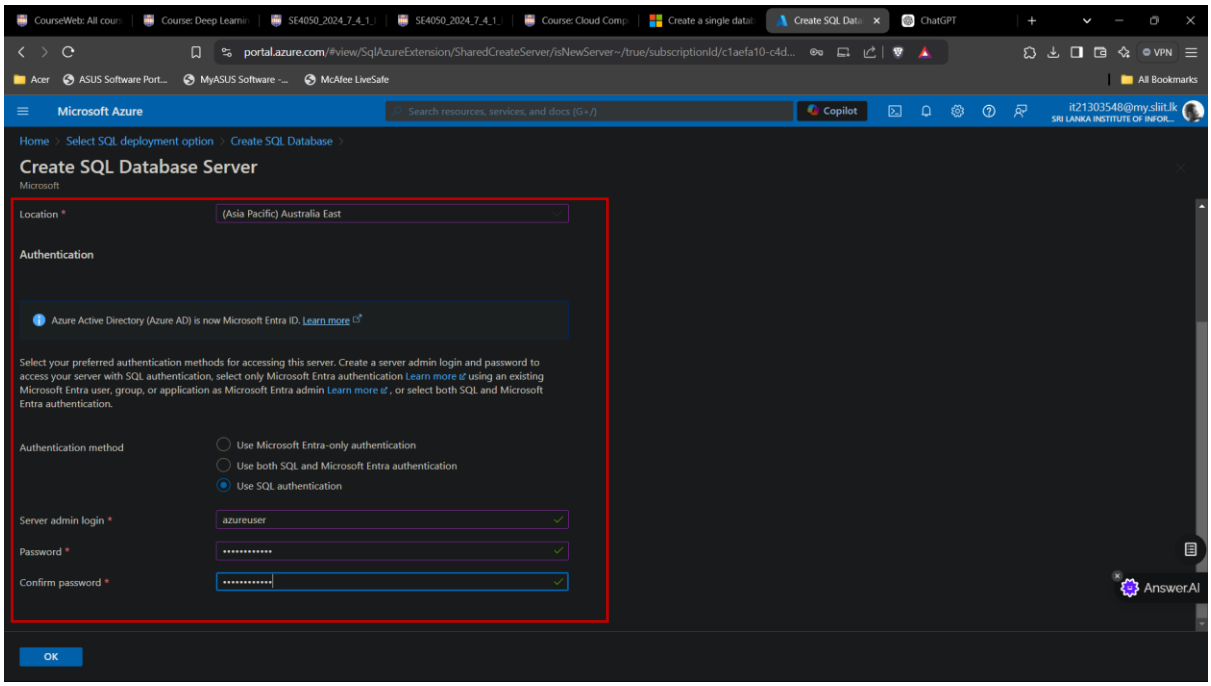

- Fill the fields in Basics 001



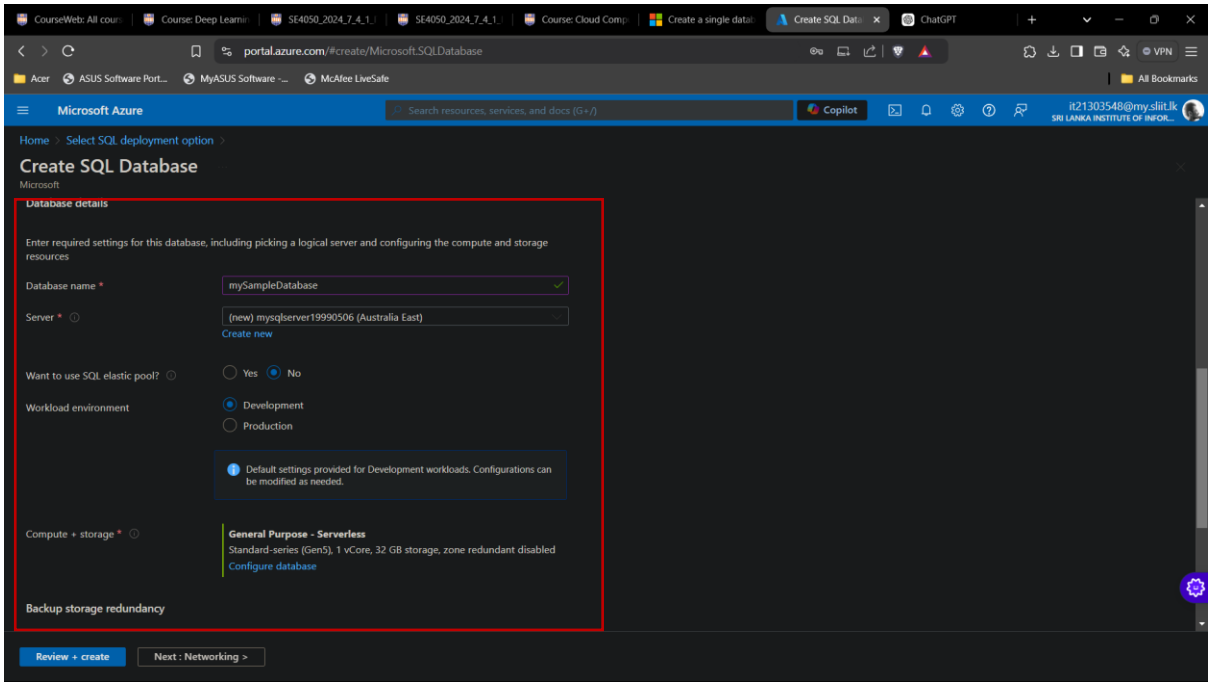
- Create SQL Database Server 001



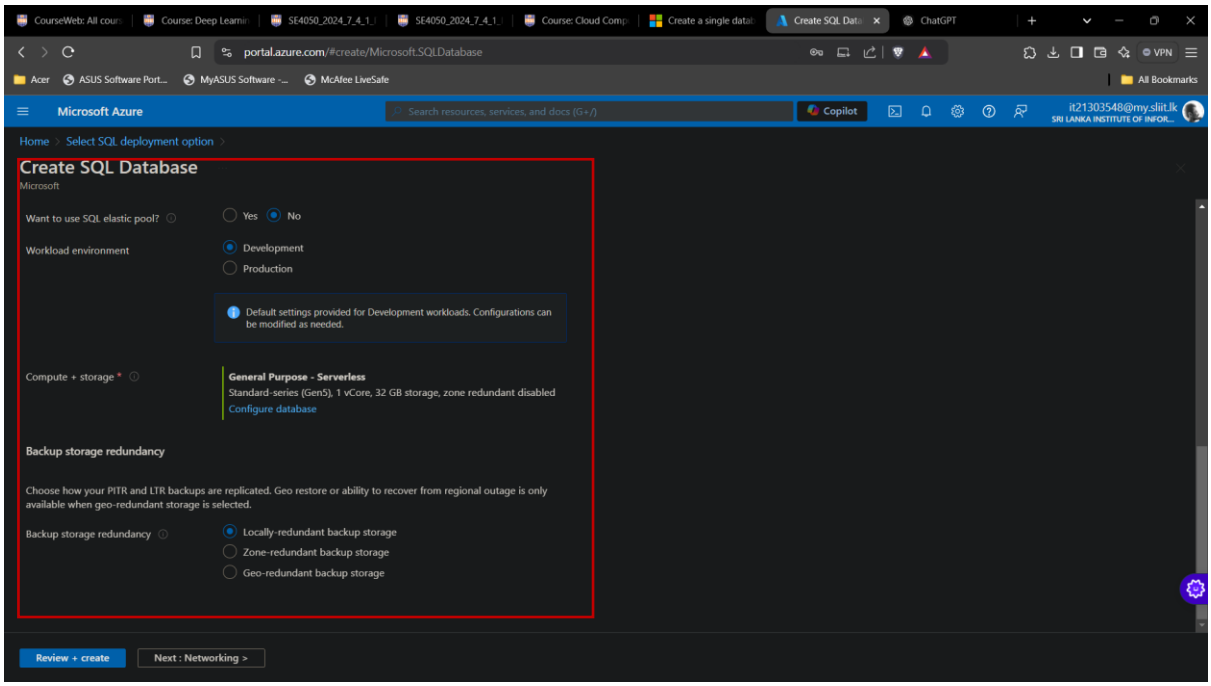

- Create SQL Database Server 002



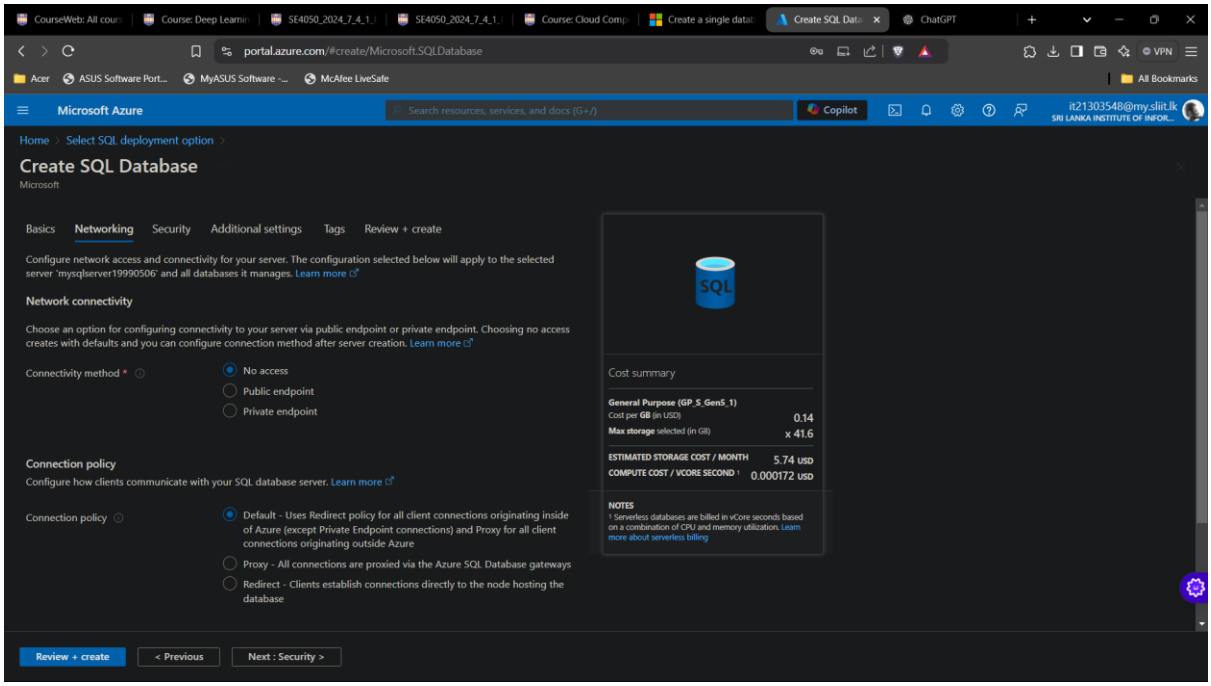

- Fill the fields in Basics 002



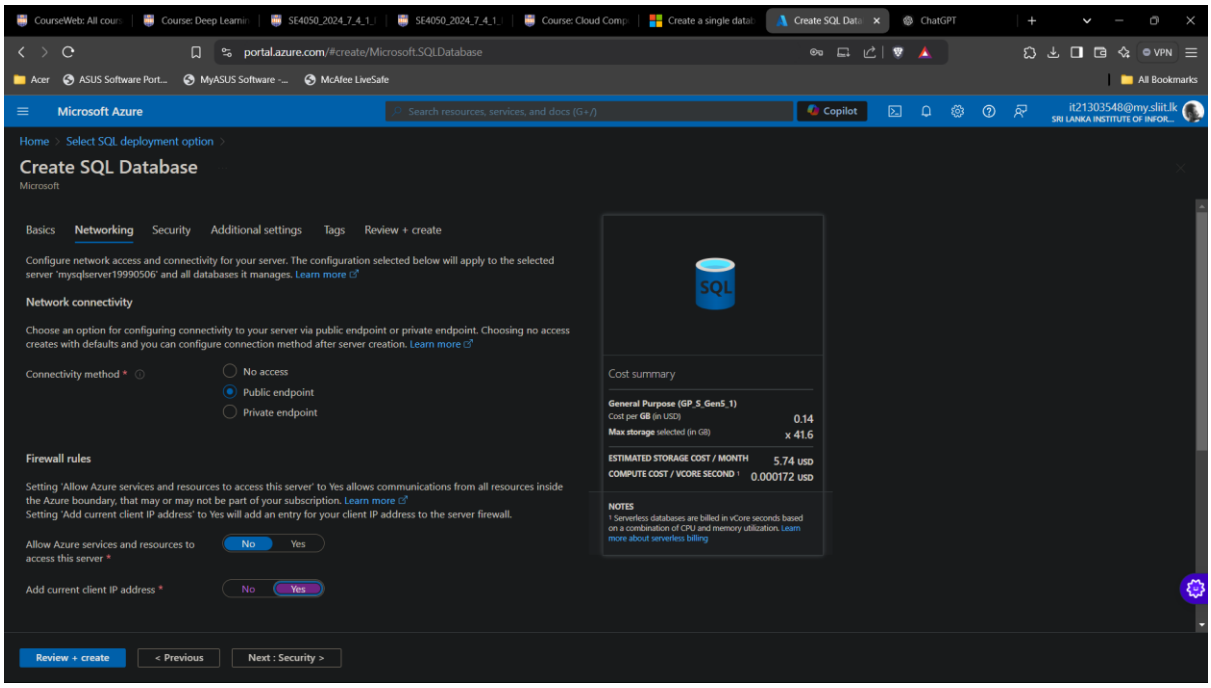

- Fill the fields in Basics 003



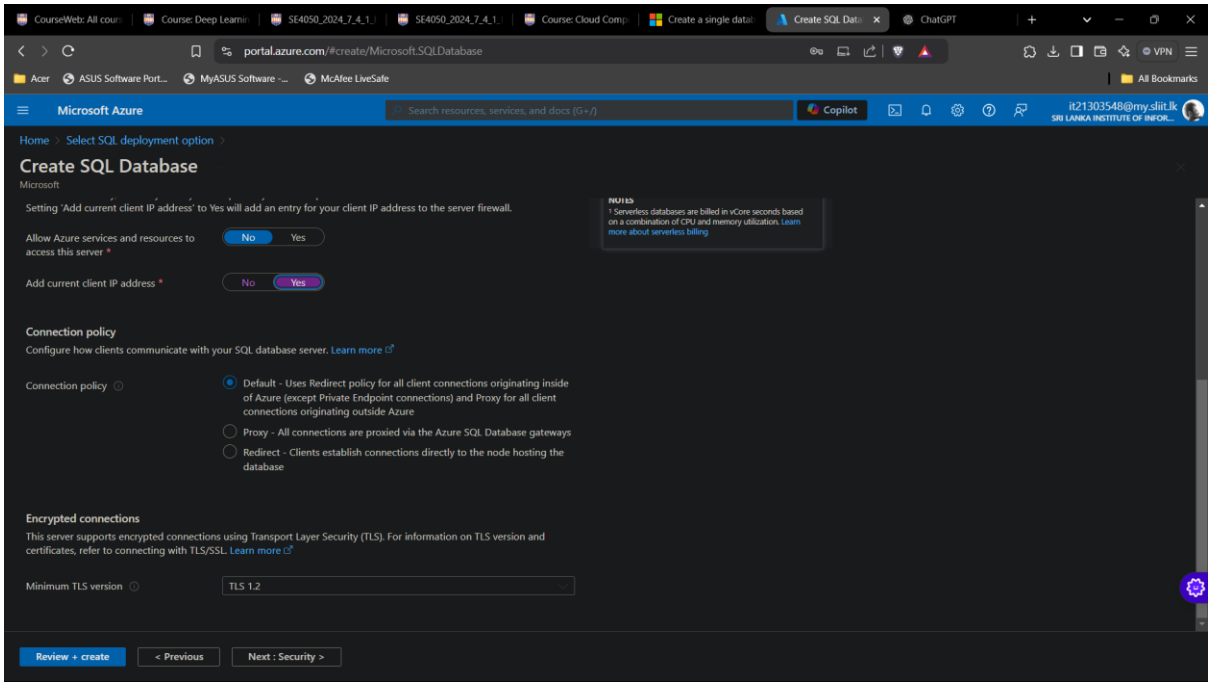

- Fill the fields in Networking 001



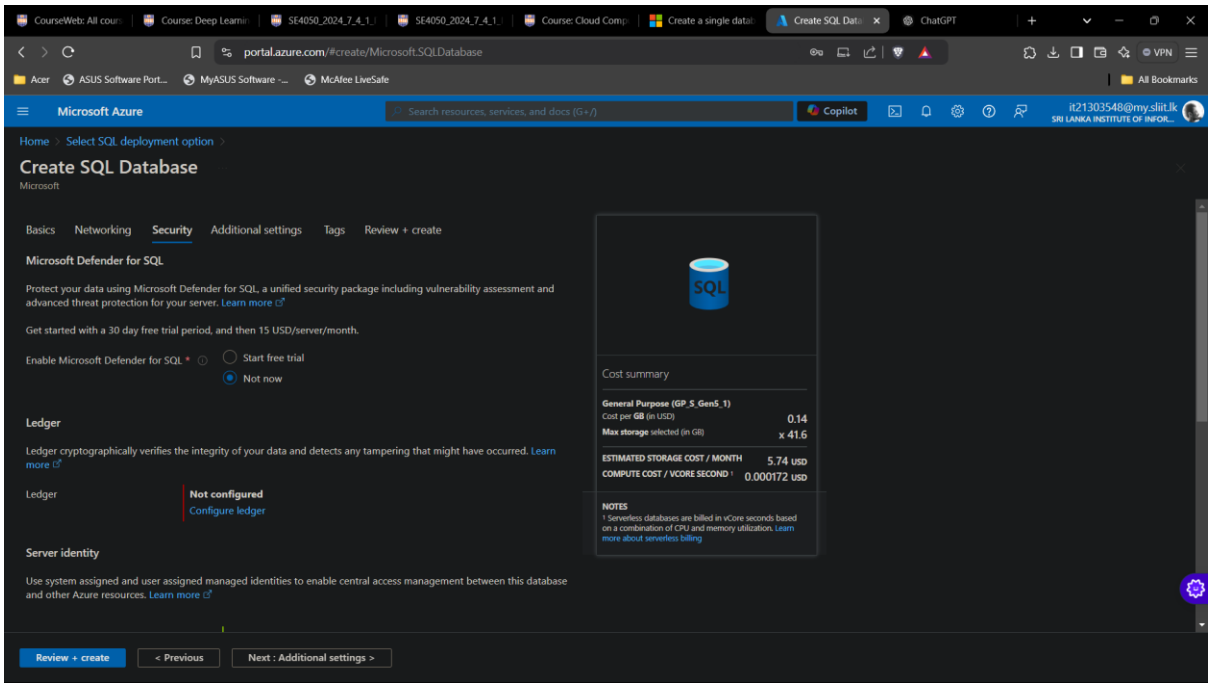

- Fill the fields in Networking 002



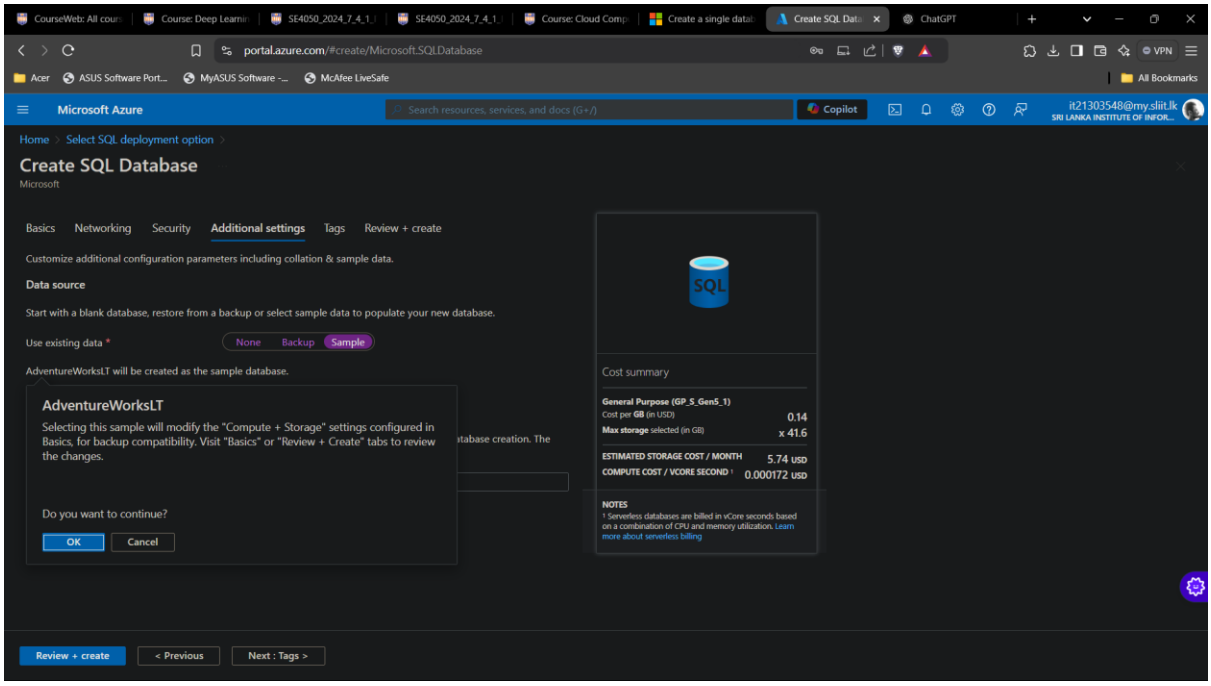

- Fill the fields in Networking 003



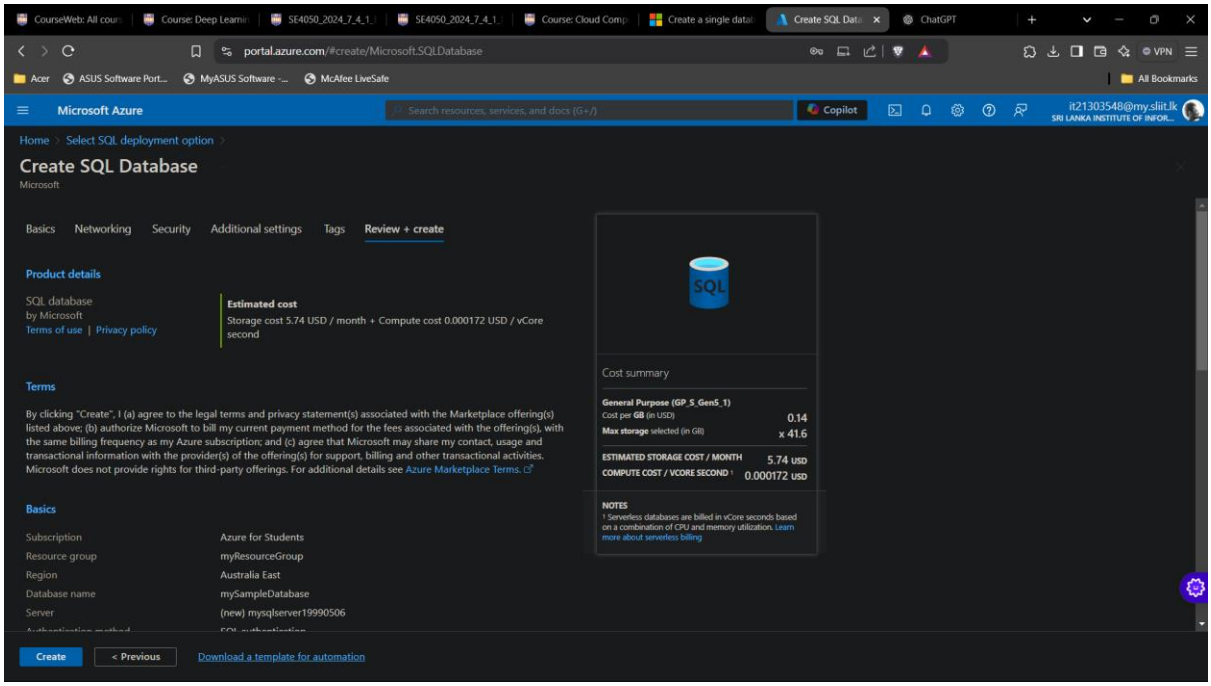

- Fill the fields in Security



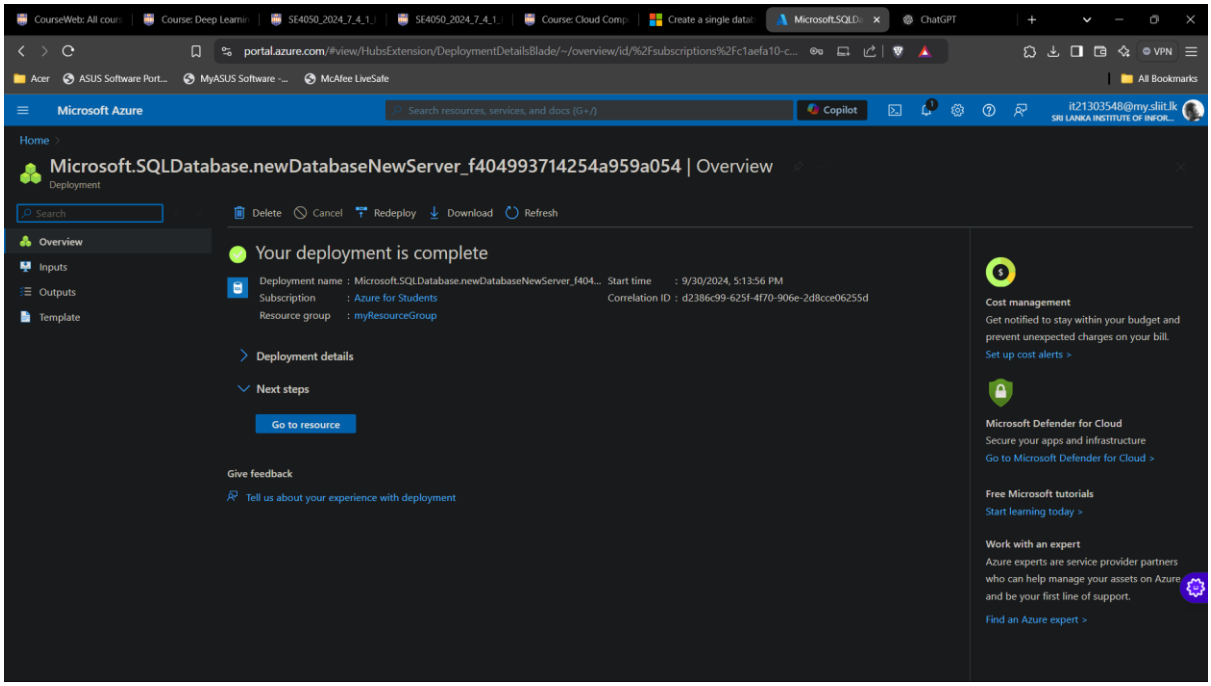

- Fill the fields in Additional Setting



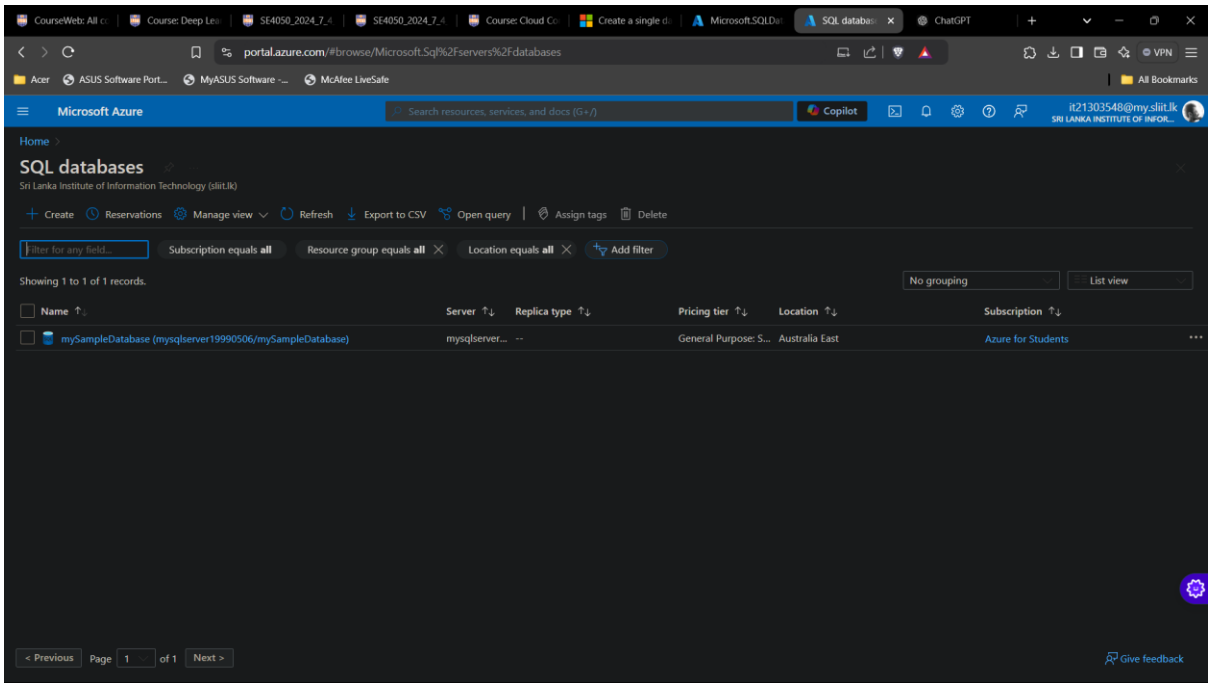

- Fill the fields in Additional Review + Create

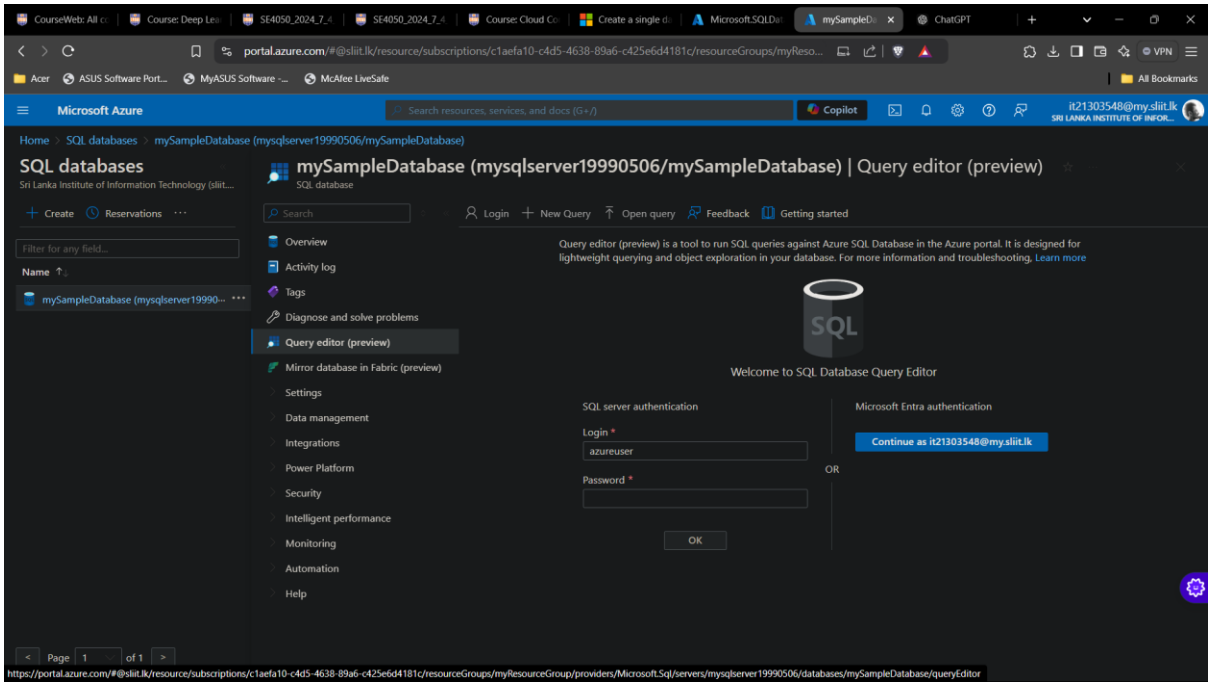


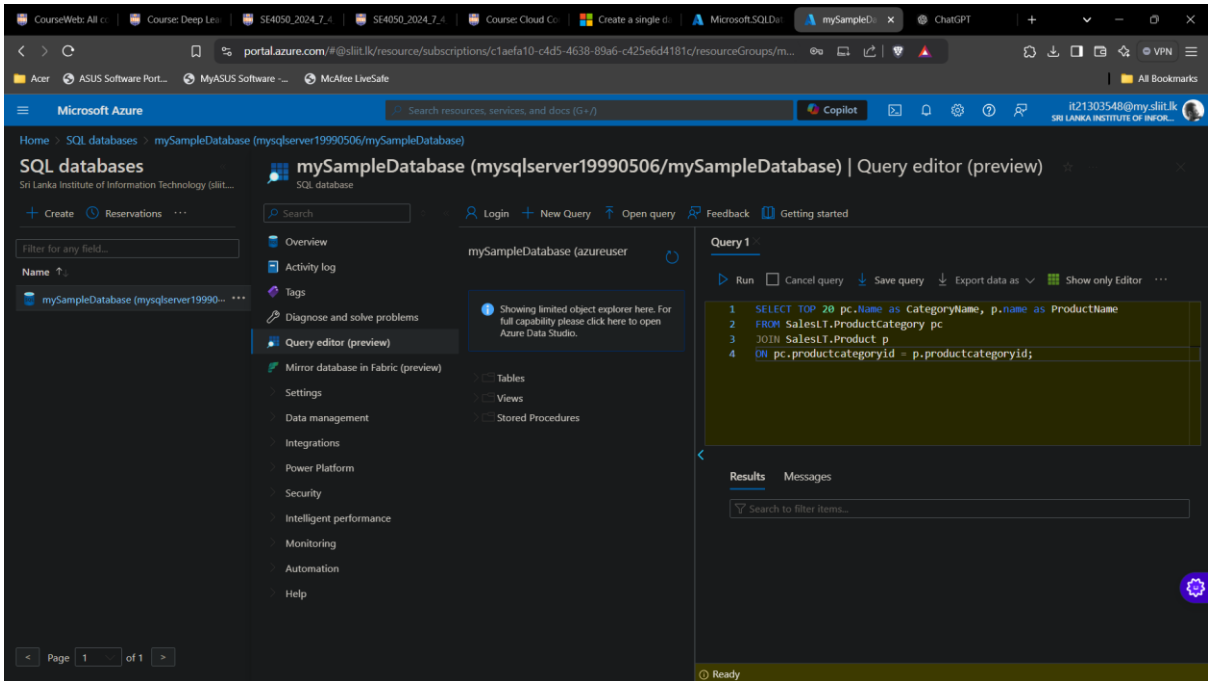

- Deployment is completed




## 2. Query the Database




Microsoft Azure
Home > SQL databases > mySampleDatabase (mysqlserver19990506/mySampleDatabase)
SQL databases
mySampleDatabase (mysqlserver19990506/mySampleDatabase) | Query editor (preview)
SQL database
Create
Reservations
Login
New Query
Open query
Feedback
Getting started
Overview
Activity log
Tags
Diagnose and solve problems
Query editor (preview)
Mirror database in Fabric (preview)
Settings
Data management
Integrations
Power Platform
Security
Intelligent performance
Monitoring
Automation
Help
Query editor (preview) is a tool to run SQL queries against Azure SQL Database in the Azure portal. It is designed for lightweight querying and object exploration in your database. For more information and troubleshooting, Learn more
Welcome to SQL Database Query Editor
SQL server authentication
Login *
azureuser
Password *
OK
OR
Microsoft Entra authentication
Continue as it21303548@my.sliit.lk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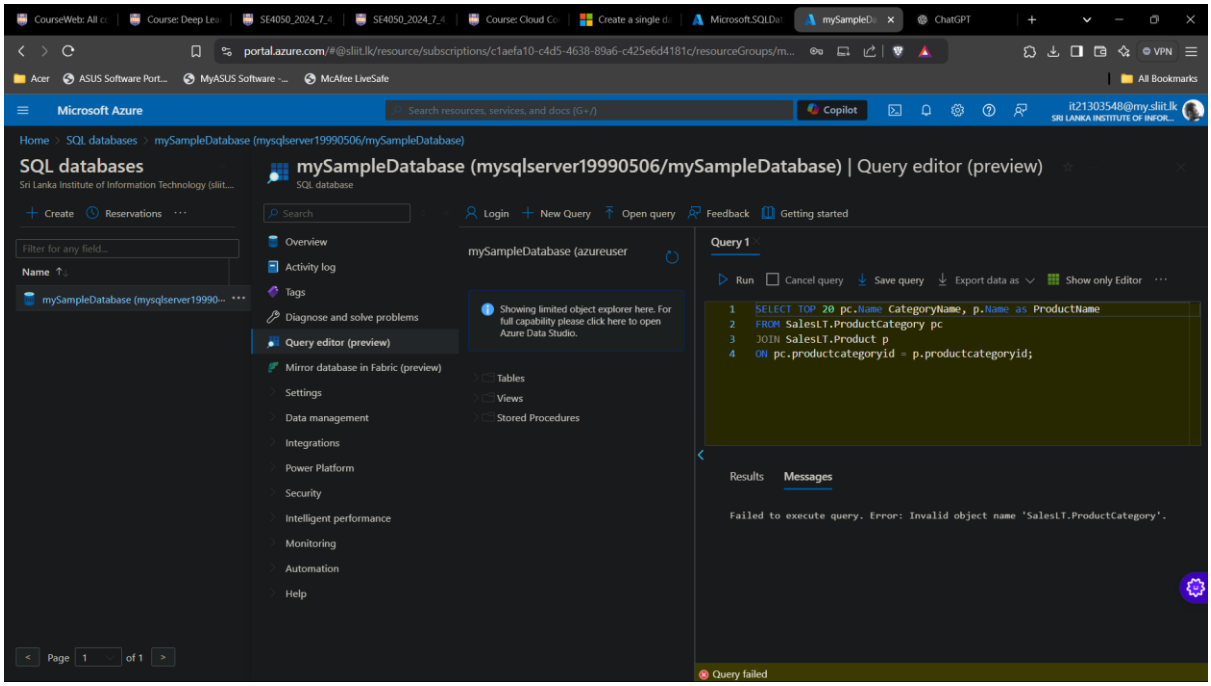
SQL databases
mySampleDatabase (mysqlserver19990506/mySampleDatabase) | Query editor (preview)
SQL database
Login
New Query
Open query
Feedback
Getting started
mySampleDatabase (azureuser
Showing limited object explorer here. For full capability please click here to open Azure Data Studio.
Tables
Views
Stored Procedures
Query 1
Run
Cancel query
Save query
Export data as
Show only Editor
SELECT TOP 20 pc.Name as CategoryName, p.name as ProductName
FROM SalesLT.ProductCategory pc
JOIN SalesLT.Product p
ON pc.productcategoryid = p.productcategoryid;
Results
Messages
Ready


Microsoft Azure
Search resources, services, and docs (G+/)
Copilot
Home > SQL databases > mySampleDatabase (mysqlserver19990506/mySampleDatabase)
SQL databases
Sri Lanka Institute of Information Technology (sliit....
mySampleDatabase (mysqlserver19990506/mySampleDatabase) | Query editor (preview)
SQL database
Create
Reservations
Filter for any field...
Name
mySampleDatabase (mysqlserver19990...
Search
Overview
Activity log
Tags
Diagnose and solve problems
Query editor (preview)
Mirror database in Fabric (preview)
Settings
Data management
Integrations
Power Platform
Security
Intelligent performance
Monitoring
Automation
Help
Page 1 of 1
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Tables
Views
Stored Procedures
Query 1
Run
Cancel query
Save query
Export data as
Show only Editor
1 SELECT TOP 20 pc.Name CategoryName, p.Name as ProductName
2 FROM SalesLT.ProductCategory pc
3 JOIN SalesLT.Product p
4 ON pc.productcategoryid = p.productcategoryid;
Results
Messages
Failed to execute query. Error: Invalid object name 'SalesLT.ProductCategory'.
Query failed