Tutorial on how to connect to Azure SQL database

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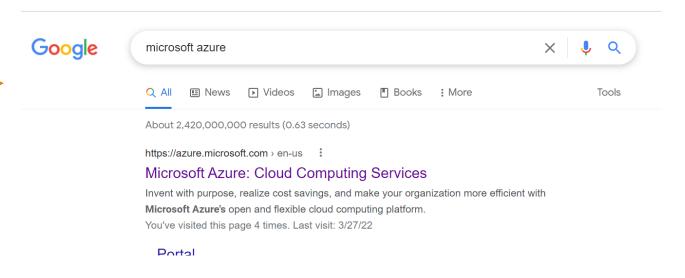
Open browser and follow the steps

1. Search Microsoft azure

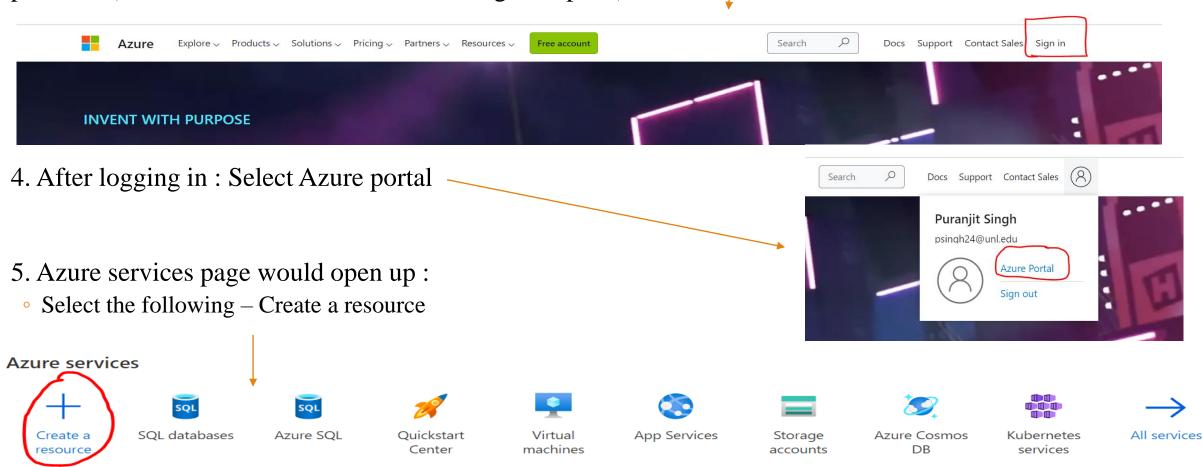


2. Open the following link in your browser

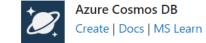
Link - https://azure.microsoft.com/en-us/?exp=175071&adobe_mc_sdid=SDID%3D3AF4519F95387A4C-0B212557B10650A9%7CMCORGID%3DEA76ADE95776D2EC7F000101%40AdobeOrg%7CTS%3D1648423877&adobe_mc_ref=https%3A%2F%2Fwww.google.com%2F



3. Sign in with your UNL user id into the Microsoft azure platform (it could ask to enter the details using Duo push).











SQL Database





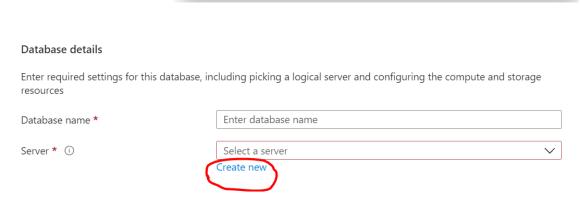


6. Select SQL Database under Popular Azure services section

- 7. Section Project details
 - Subscription : Azure for students (by default)
 - Resource group : Click on Create New
 - Enter name of your choice (E.g. MYSM492892)
 - Click Ok



- Select : Create new
- Make sure the values under these sections are not clear



A resource group is a container that holds related

Cancel

resources for an Azure solution.

nc

Name *

MYSM492892

OK

- 9. A pop-up page –
- Title: Create SQL Database Server will open-up
- Put in the details as shown in the image
- Create password on your own and remember it for further use
- Click OK at the bottom of the page

10. Click on configure database

• A pop-up page will open

Want to use SQL elastic pool? * (i)	Yes No	
Compute + storage * (i)	General Purpose Gen5, 2 vCores, 32 GB storage Configure database	

Home > Create a resource > Create SQL Database > Create SQL Database Server

Microsoft

Server details

Enter required settings for this server, including providing a name and location. This server will be created in the same subscription and resource group as your database.

Server name *	demo-mysm	✓
		.database.windows.net
Location *	(US) Central US	V

Authentication

Select your preferred authentication methods for accessing this server. Create a server admin login and password to access your server with SQL authentication, select only Azure AD authentication Learn more & using an existing Azure AD user, group, or application as Azure AD admin Learn more &, or select both SQL and Azure AD authentication.

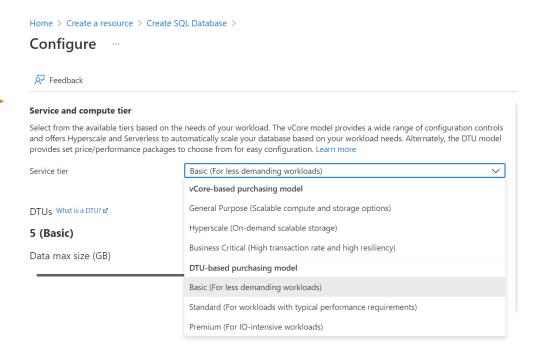
■ Use SOL authentication

- 11. Select the following option from the available ones
- Basic (for less demanding workloads)
- 12. Click on : Apply
- (Bottom-left of the page)
- 13. Select: Review + create
- Deployment is in progress (window will pop-up)

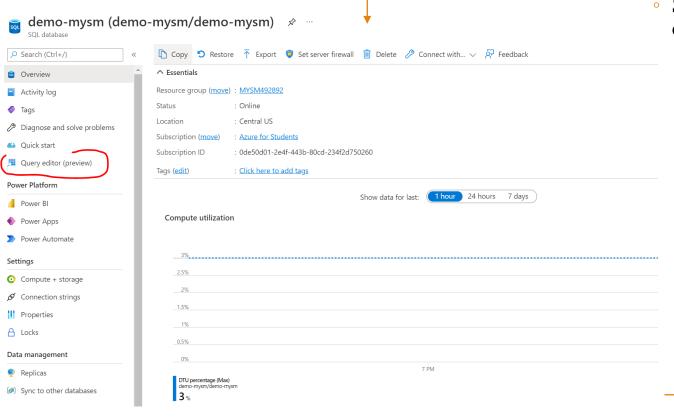
Review + create

Next : Networking >

14. After completion: Go to resource



15. Select: Query editor (preview)



16. SQL server authentication windows will open –

- Enter your registered username and password here that you have set
- Select : Allowlist IP ______ on server demo-mysm to continue

create a firewall rule for this IP address or address range. It may take up to five minutes for this

Allowlist IP 129.93.161.221 on server demo-mysm

_change to take effect.

Welcome to SQL Database Query Editor

SQL server authentication

Login *

root-mysm

Password *

Cannot open server 'demo-mysm' requested by the login. Client with IP address '129,93.161.221' is not allowed to access the server. To enable access, use the Azure Portal or run sp set firewall rule on the master database to

17. SQL editor will open-up where you can run SQL queries to create your first database.

