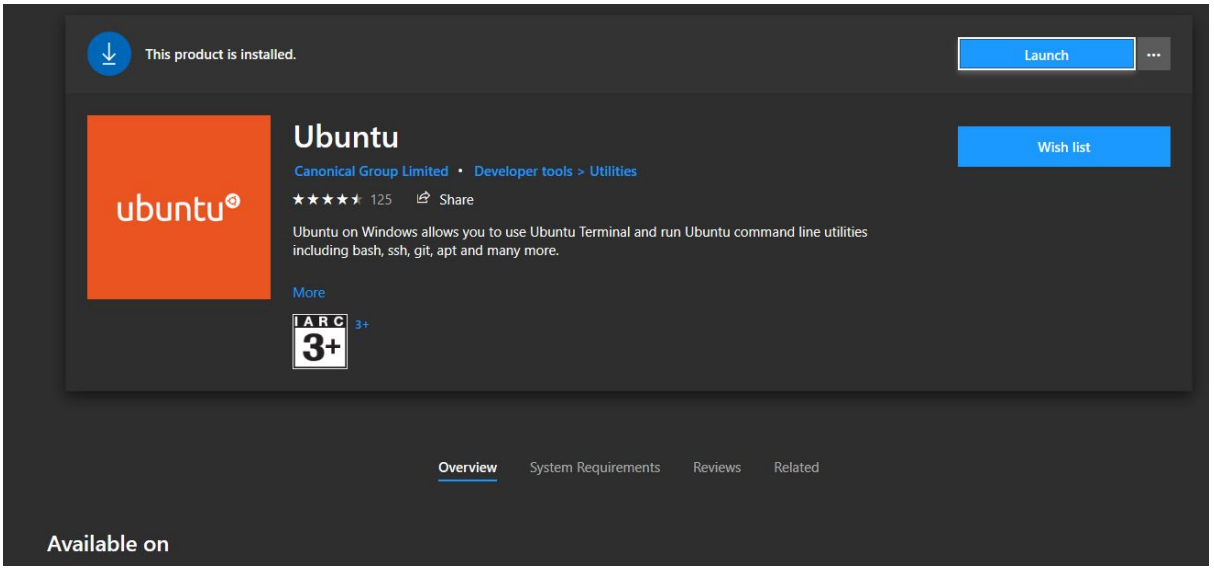
Apache Superset Installation

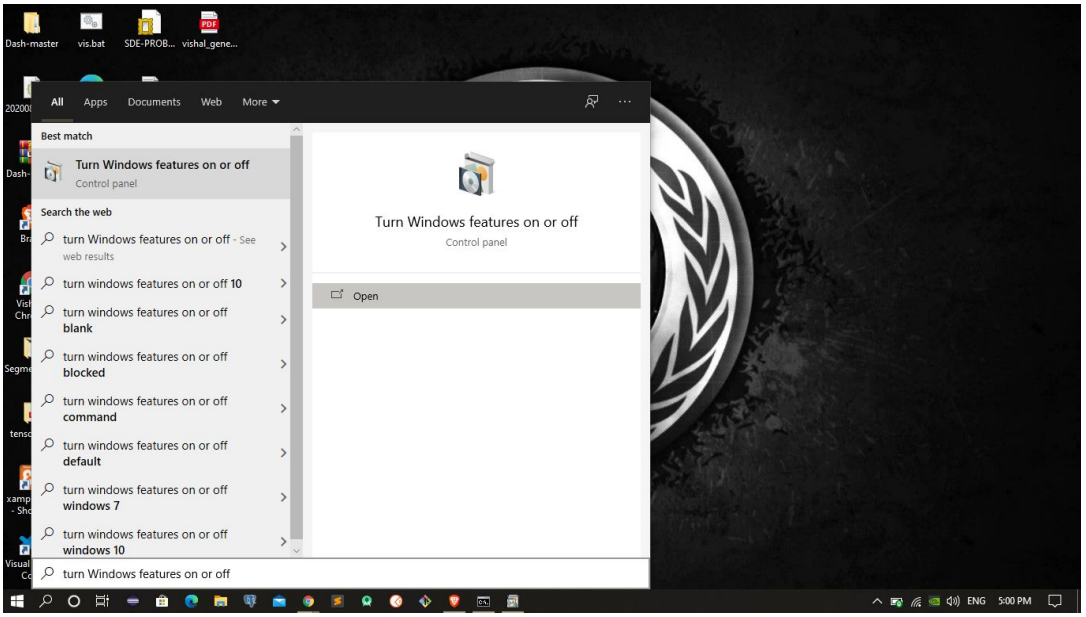
Please follow the commands mentioned below to install apache superset.

1. Ubuntu(Windows by Enabling Linux Subsystem For Windows)

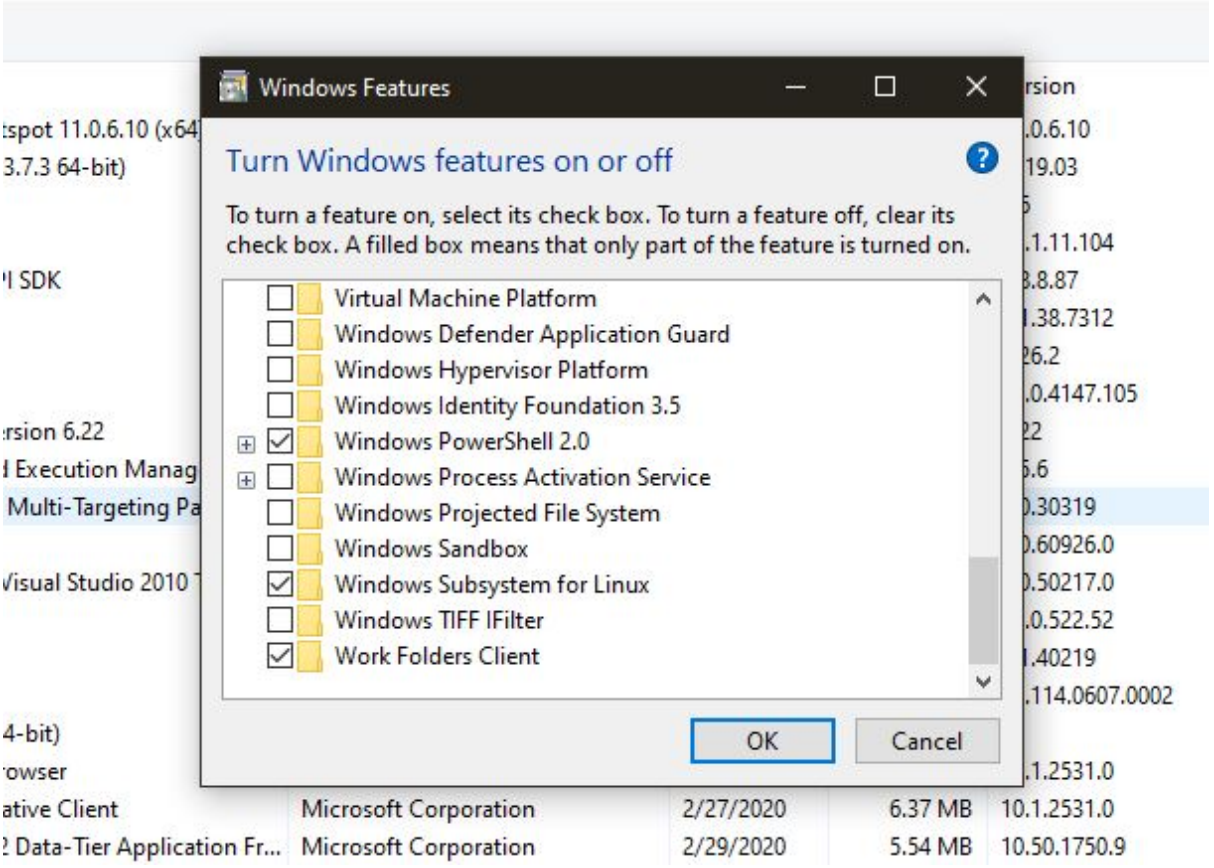
Step 1: Download and install Ubuntu from windows Store.



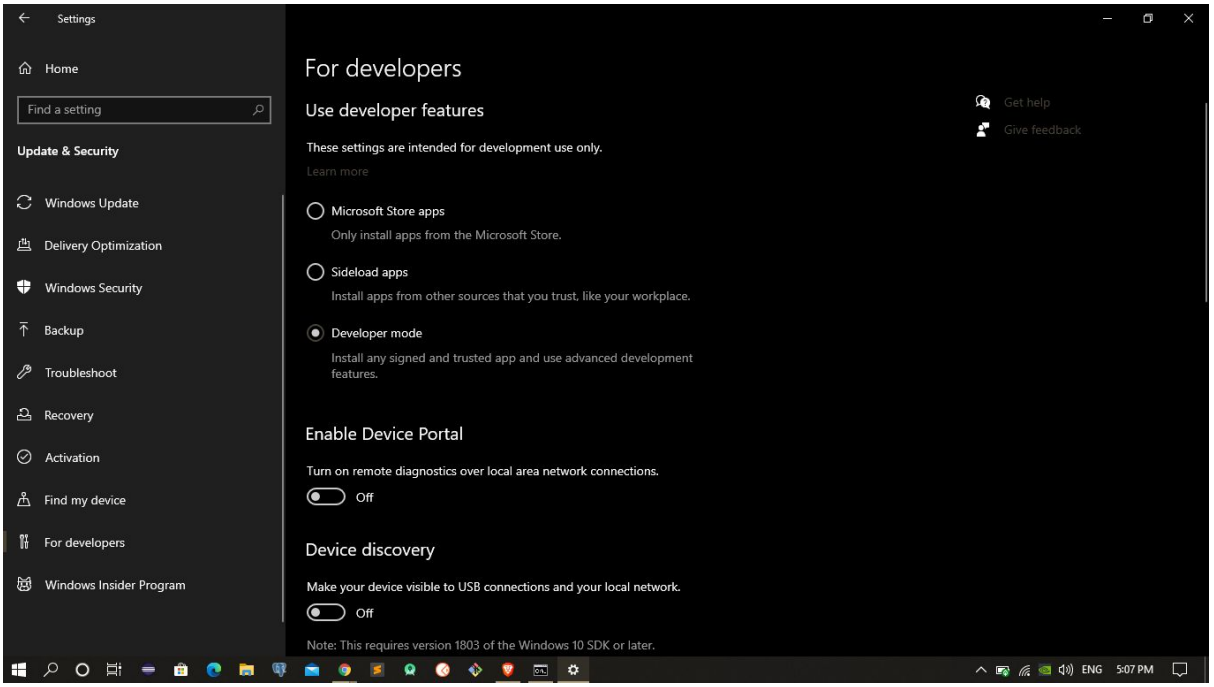
Step 2: Goto Turn Windows Features on or off (just by searching)



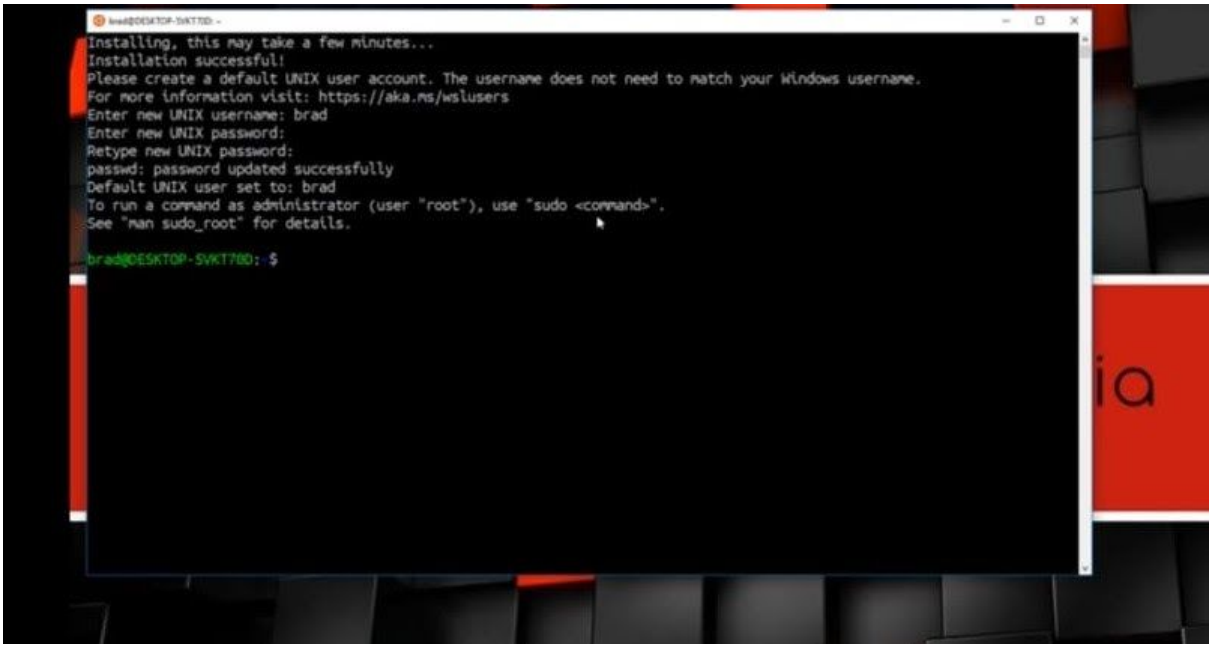
3. Select the Windows Subsystem for Linux and then press ok



Note :- After that make sure you have turned on Developer mode for windows some time you might face some issue .

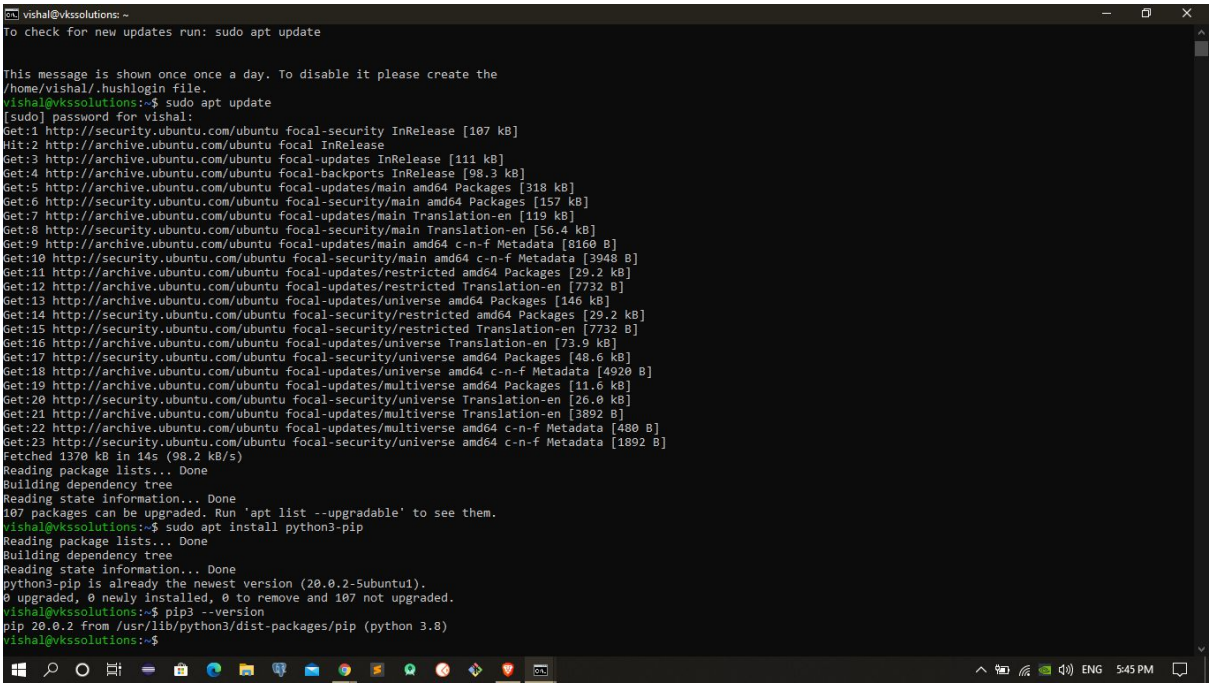


After that open the ubuntu which you have installed.And enter the username & password

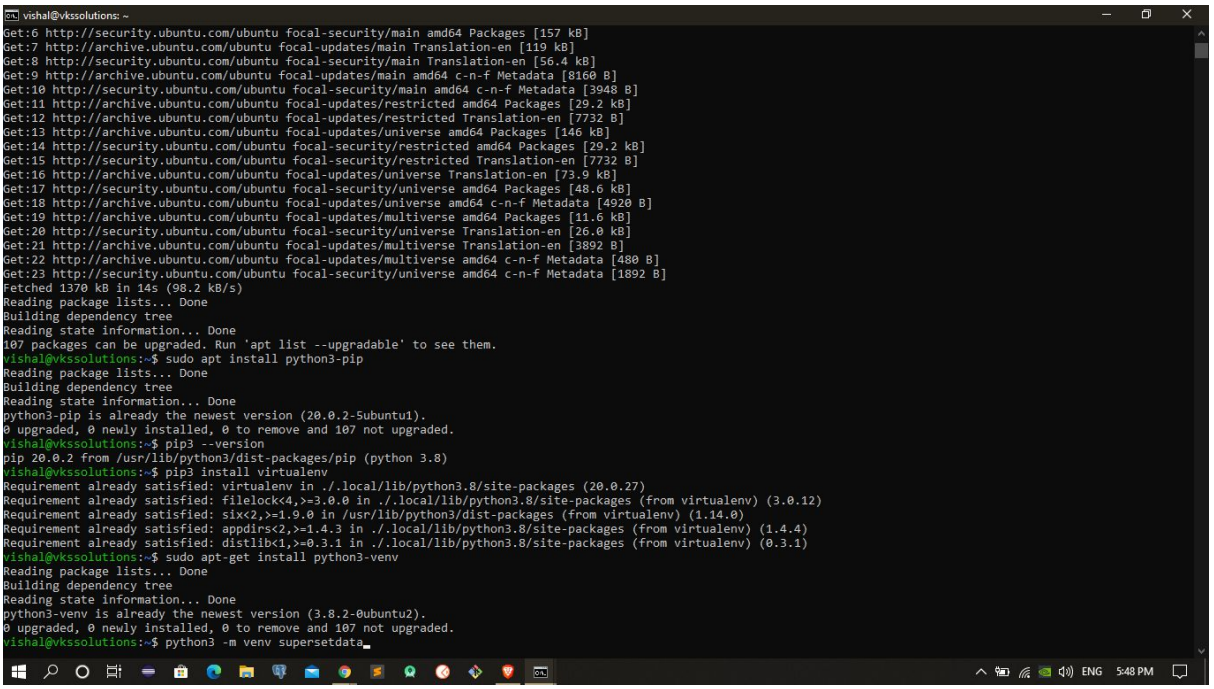


After that enter the commands in ubuntu :-

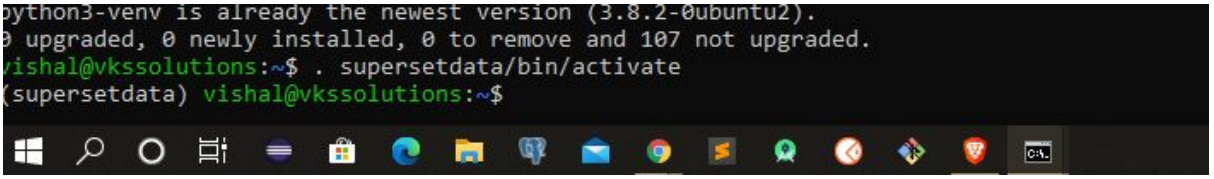
1. sudo apt update
2. sudo apt install python3-pip
3. pip3 --version



4. pip3 install virtualenv
5. sudo apt-get install python3-venv
6 python3 -m venv supersetdata



7. . supersetdata/bin/activate



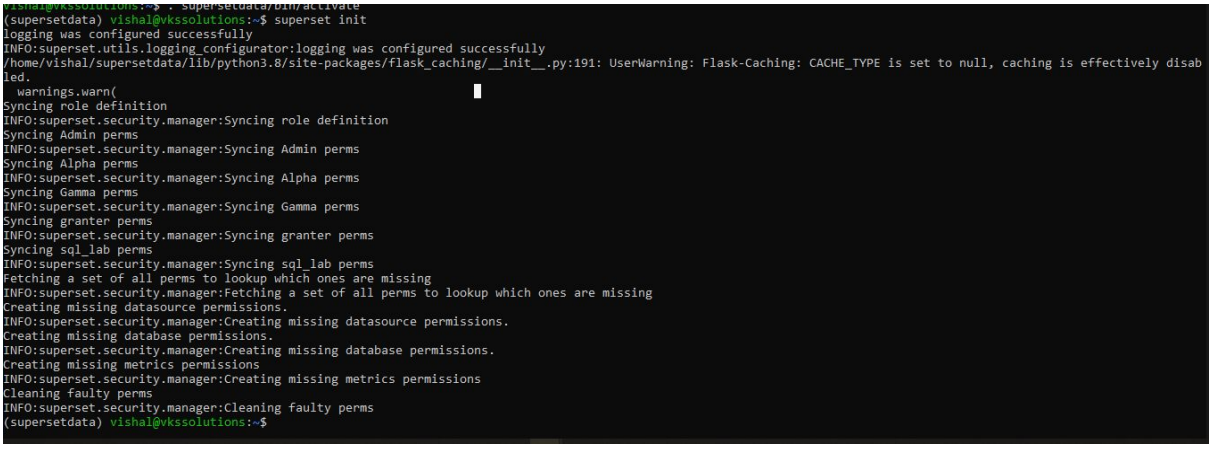
After that enter these commands

8. pip install --upgrade setuptools pip
9. pip install apache-superset
10. superset db upgrade
11. export FLASK_APP=superset

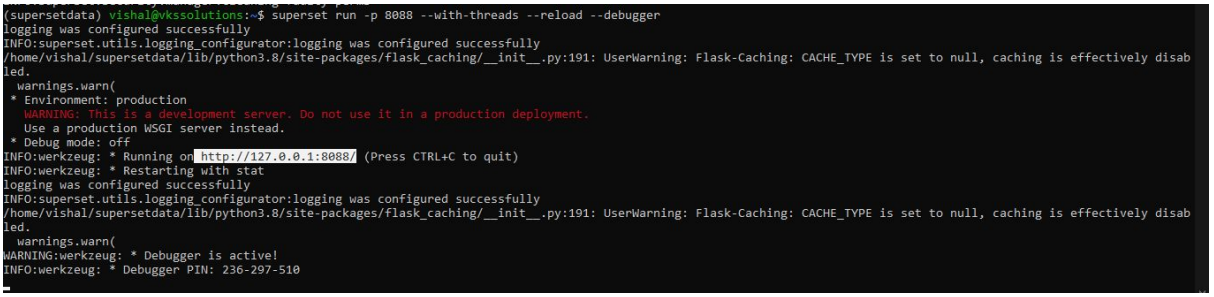
12. superset fab create-admin

(Username [admin]: admin
User first name [admin]: admin
User last name [user]: admin
Email [admin@fab.org]: xyz@gmail.com
Password:
Repeat for confirmation:)

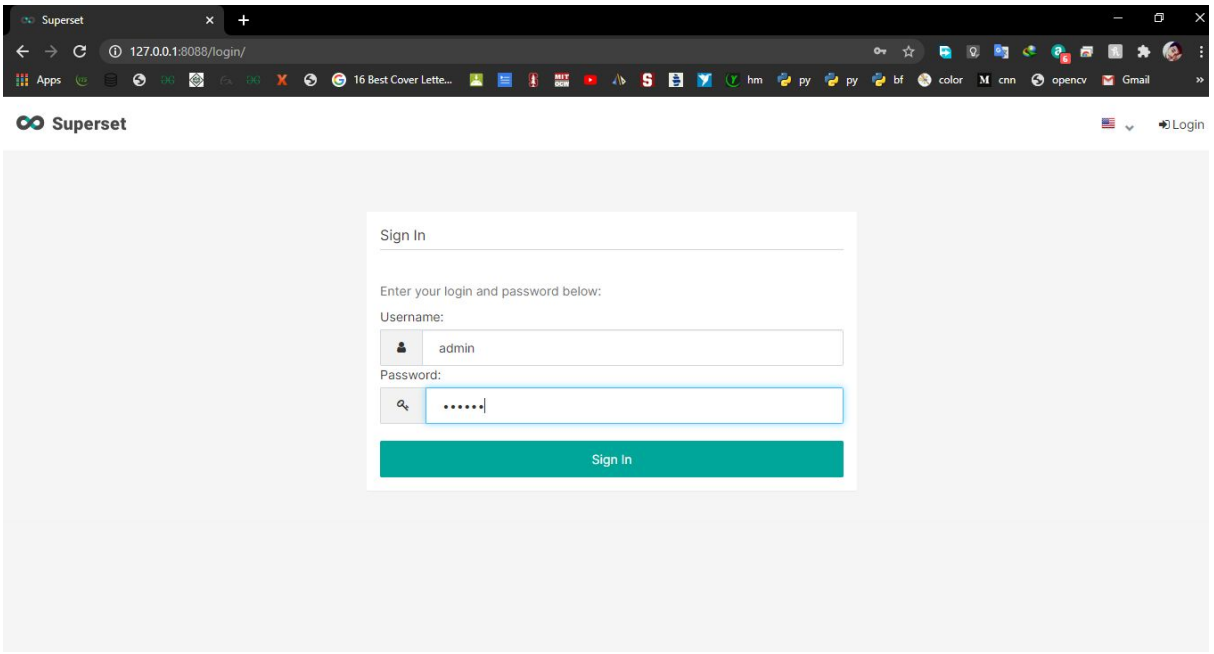
13. superset load_examples
14. superset init



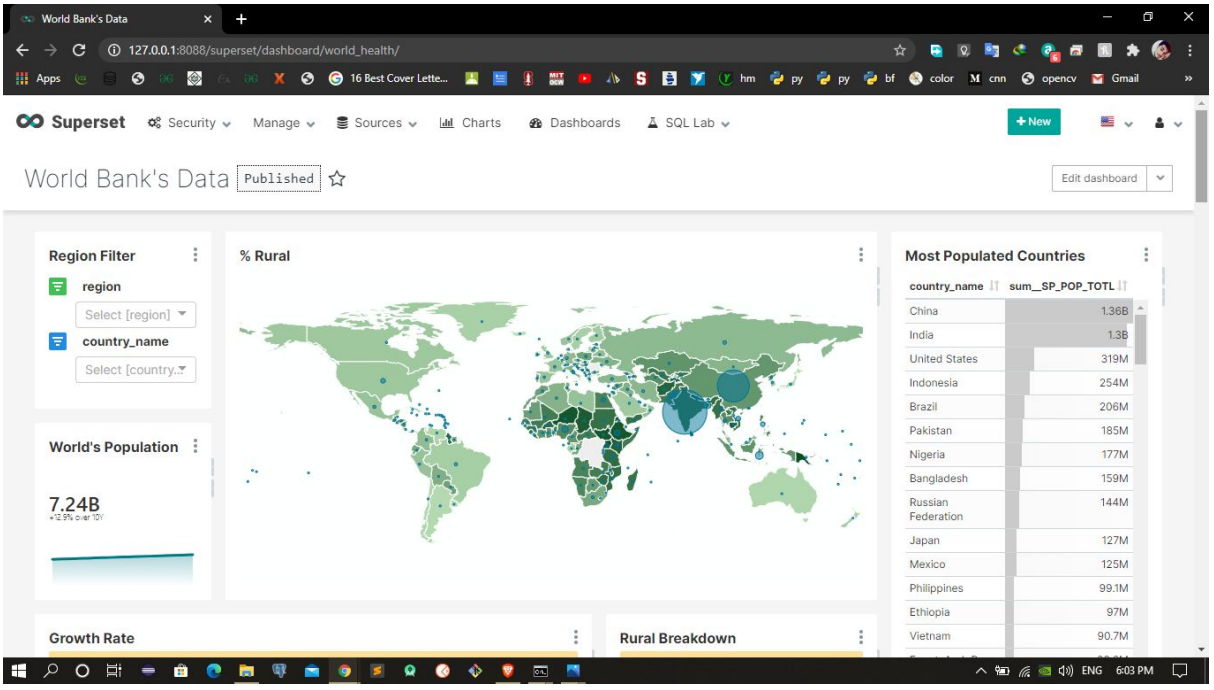
15. superset run -p 8088 --with-threads --reload --debugger



Enter the url in your Browser :- http://127.0.0.1:8088/



After Sign in you will see Dashboards Explore the DashBoards



How to Get MSSQL Data in PostgreSql ?

Using (Foreign Data Wrapper) tds_fdw

PostgreSql Installation

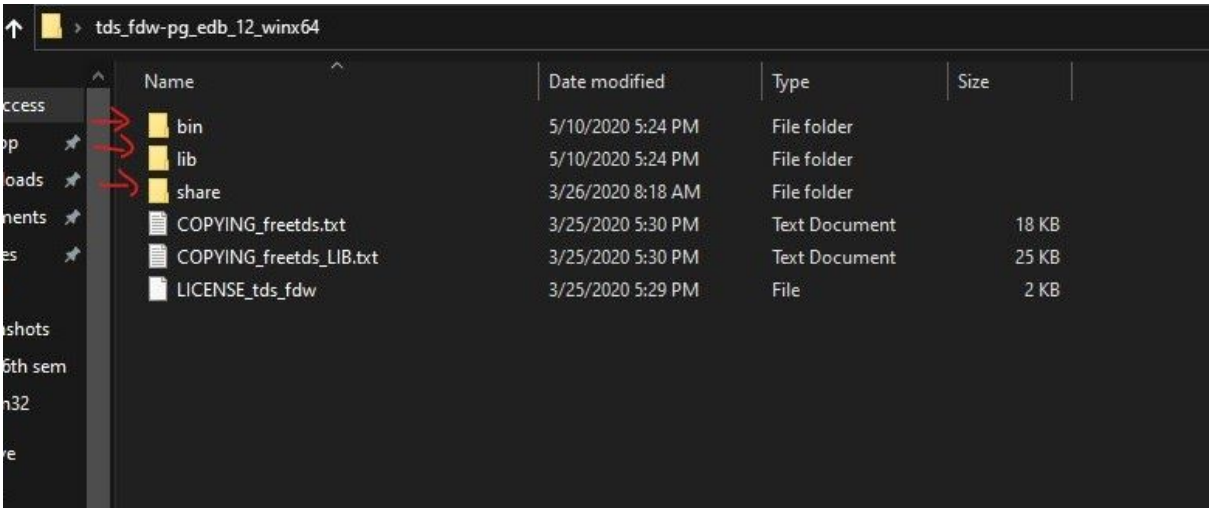
Here I am using PostgreSQL 12 .(PostgreSql Download Link)

tds_fdw installation and configuration

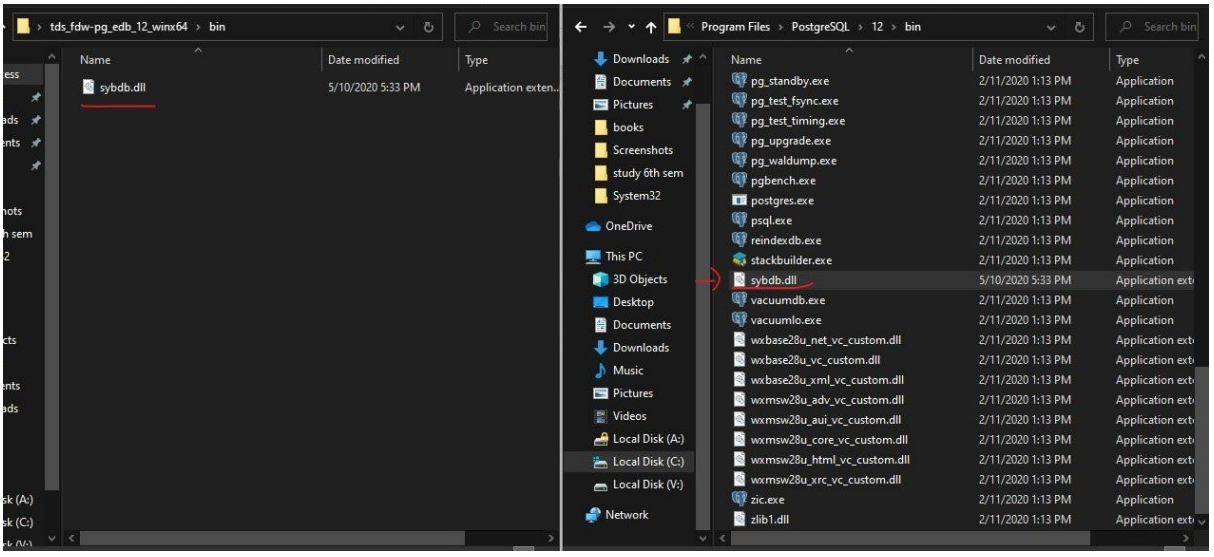
You need to download suitable Binaries according to your Software.

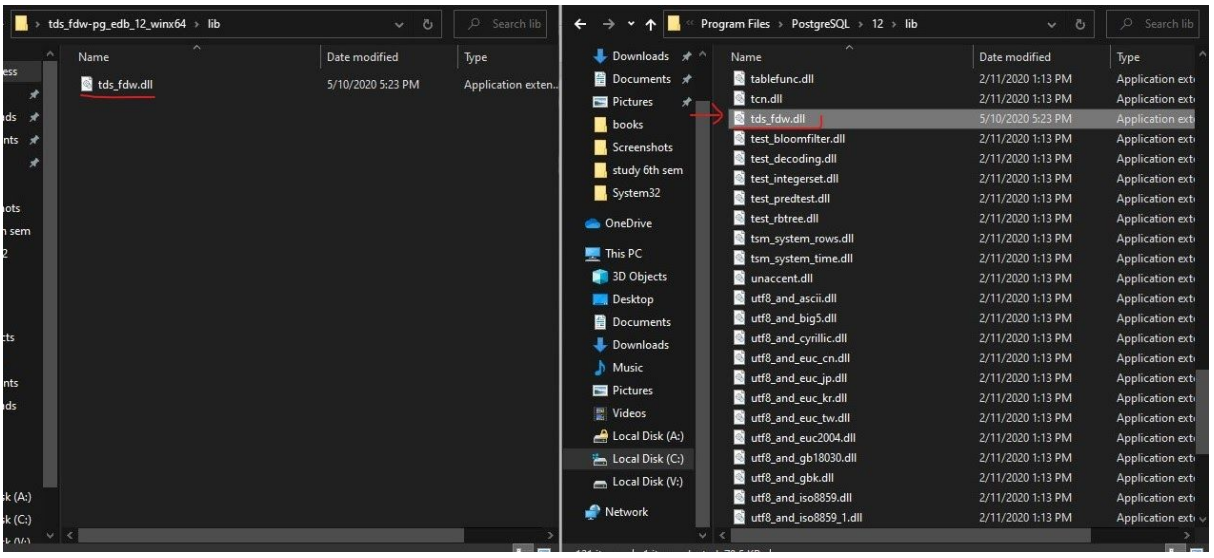
For Binaries You can refer the below link .(Binary file link)
(https://github.com/tds-fdw/tds_fdw/issues/53#issuecomment-626329771)

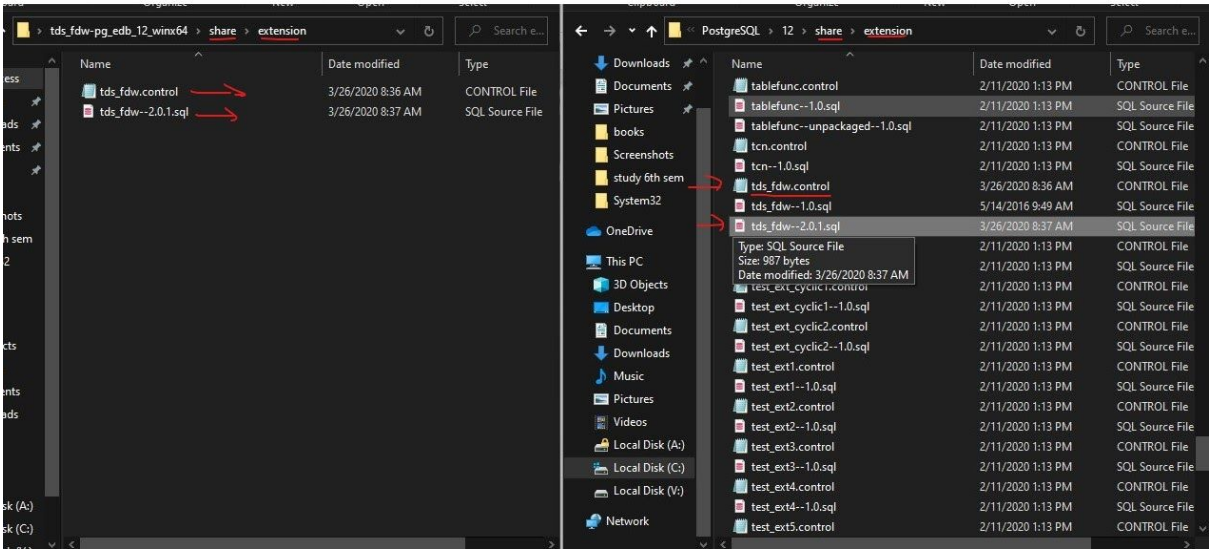
After downloading the binaries extract the Binary file .



After that go to PostgreSql Folder in Program files and Paste the Binary file according to given instruction.

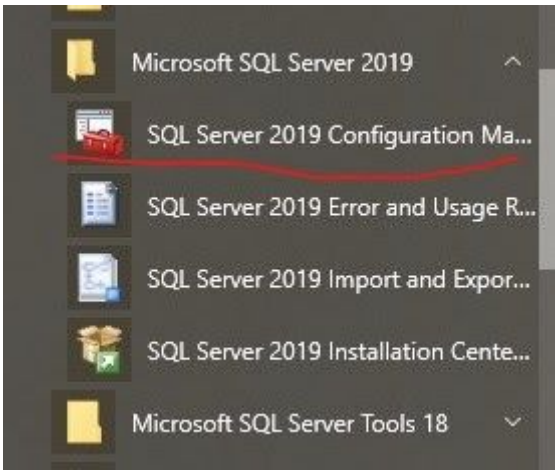




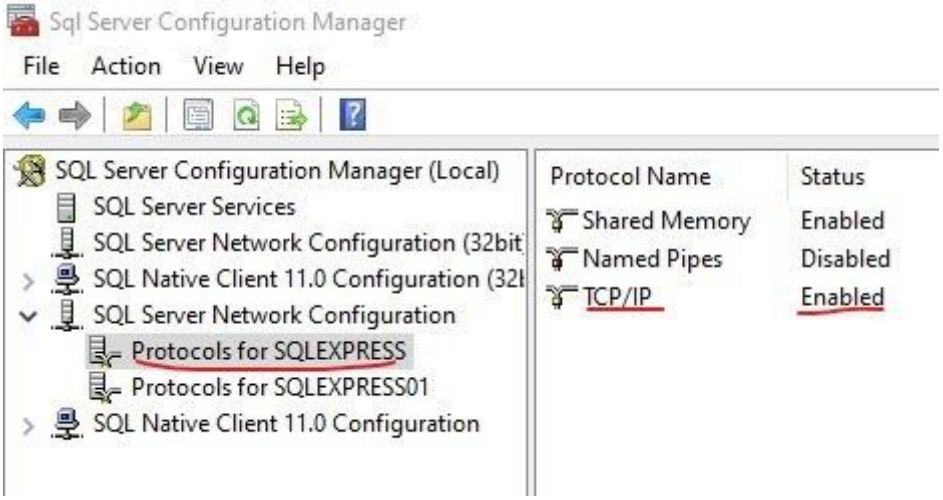


Before creating extension check **on which port your Ms sql server** is Running.

1. **Open SQL sever 2019(your version) configuration Manager.**

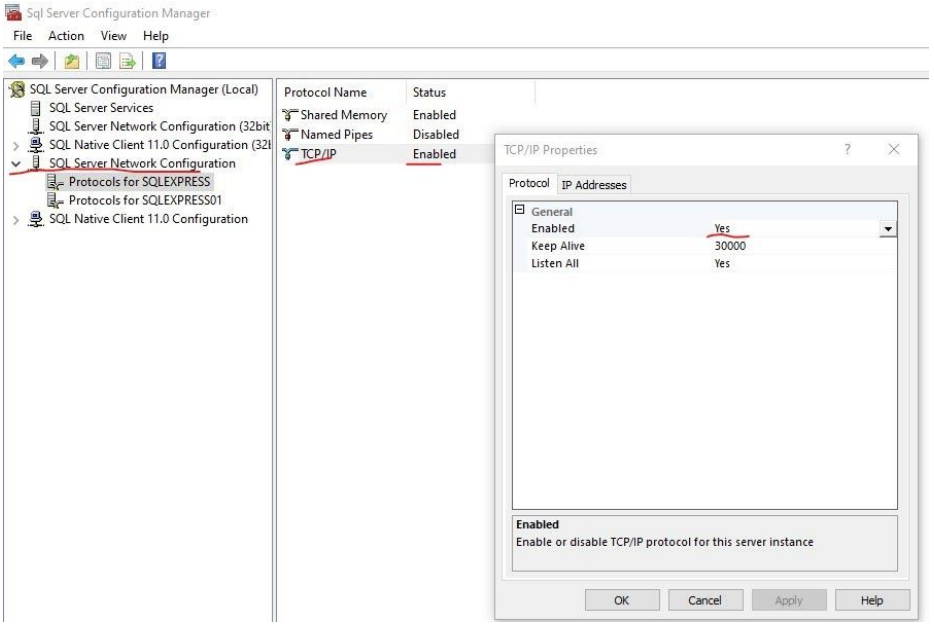


2. Open the Sql Server 2019 configuration Manager

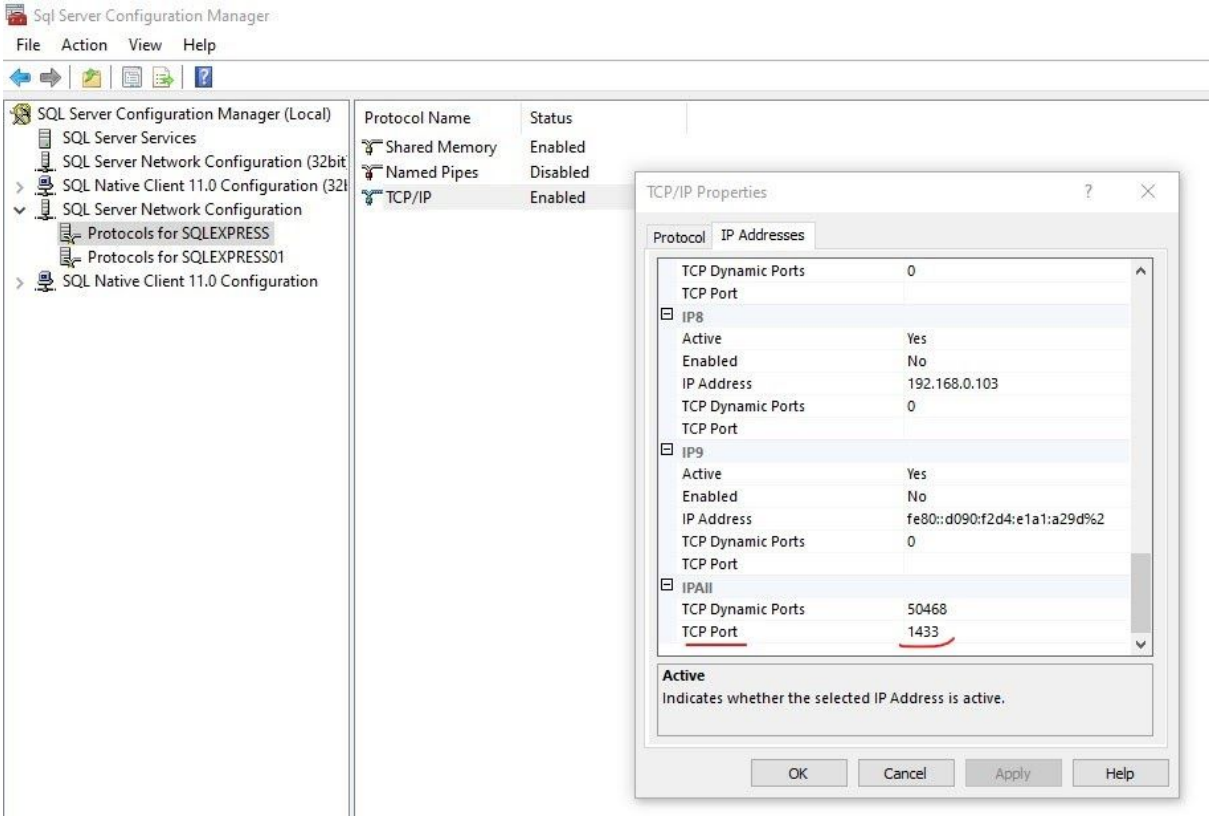


Check TCP/IP is enabled.

3 Click on the TCP/IP and check on which port it is running

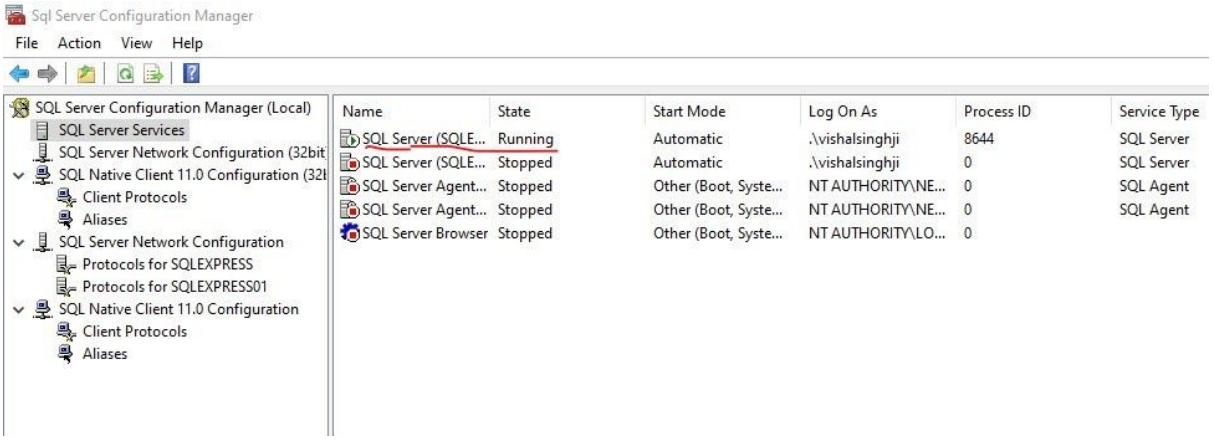


See if there is **port number** mentioned or not & click ok .



After that restart the server.

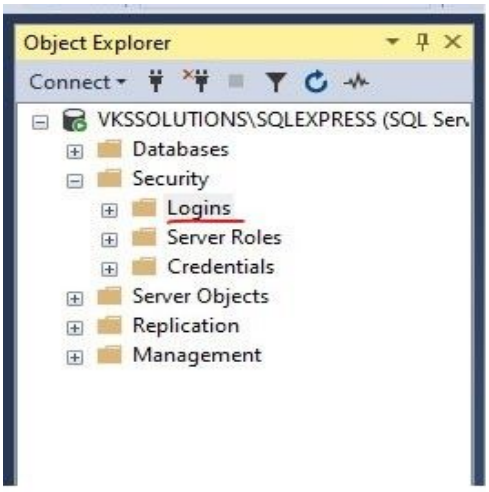
Click on the Sql server (which is running) and Restart it .



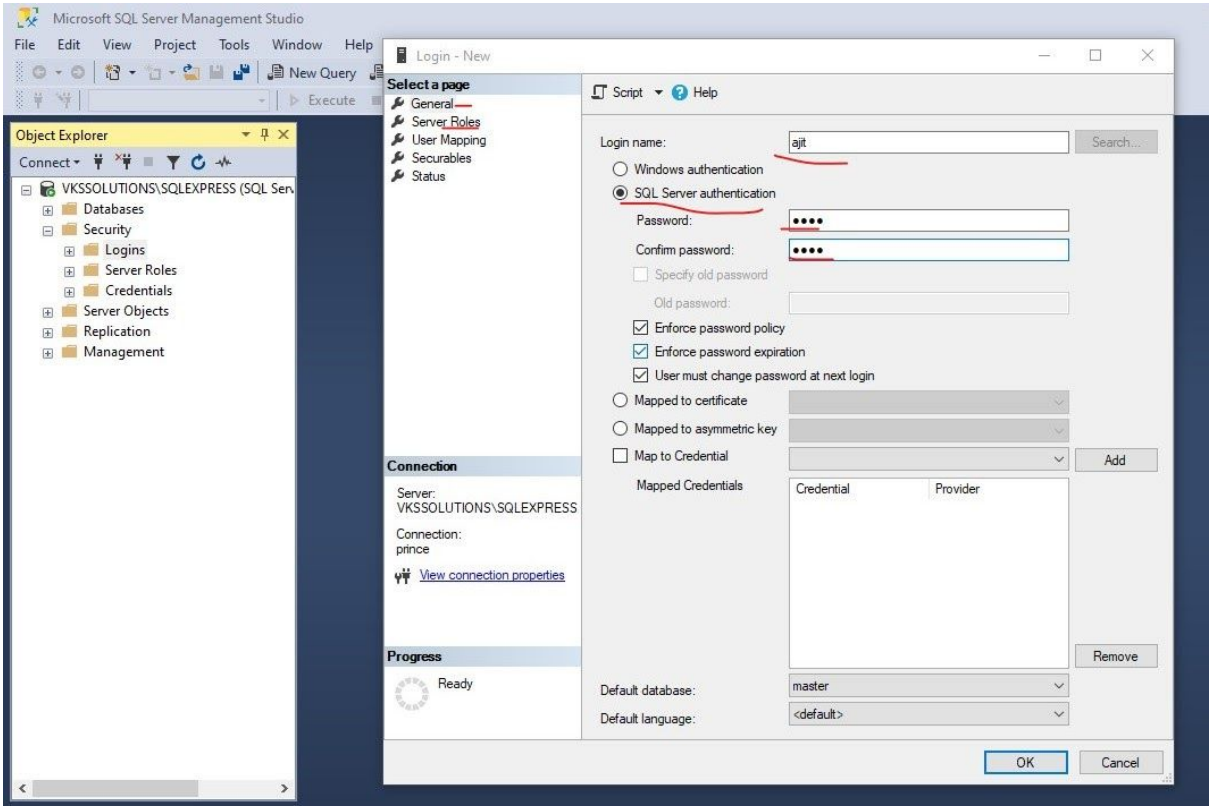
MSSQL Table Creation and accessing in Postgres

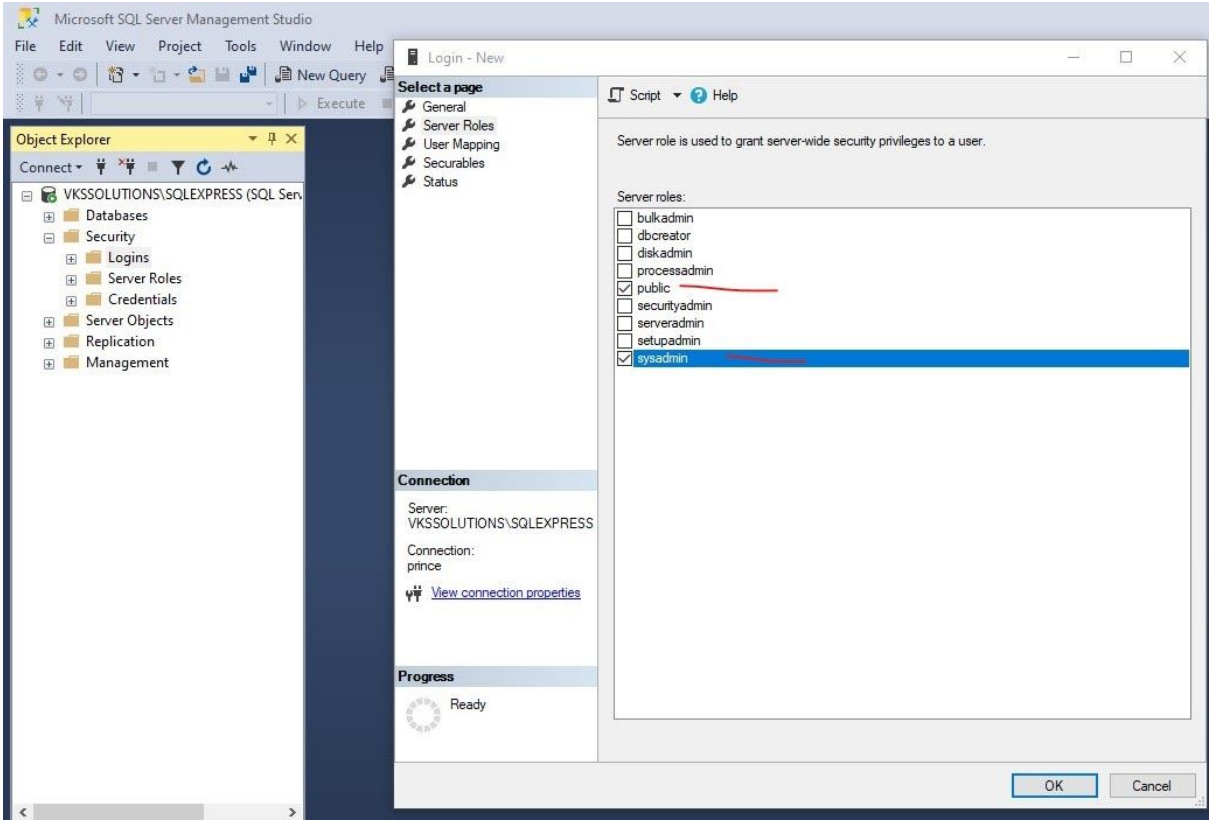
Open Microsoft SQL Server Management Studio 18

Open it and we are going to **create new user** first.
Go to login and click on it to create new user.



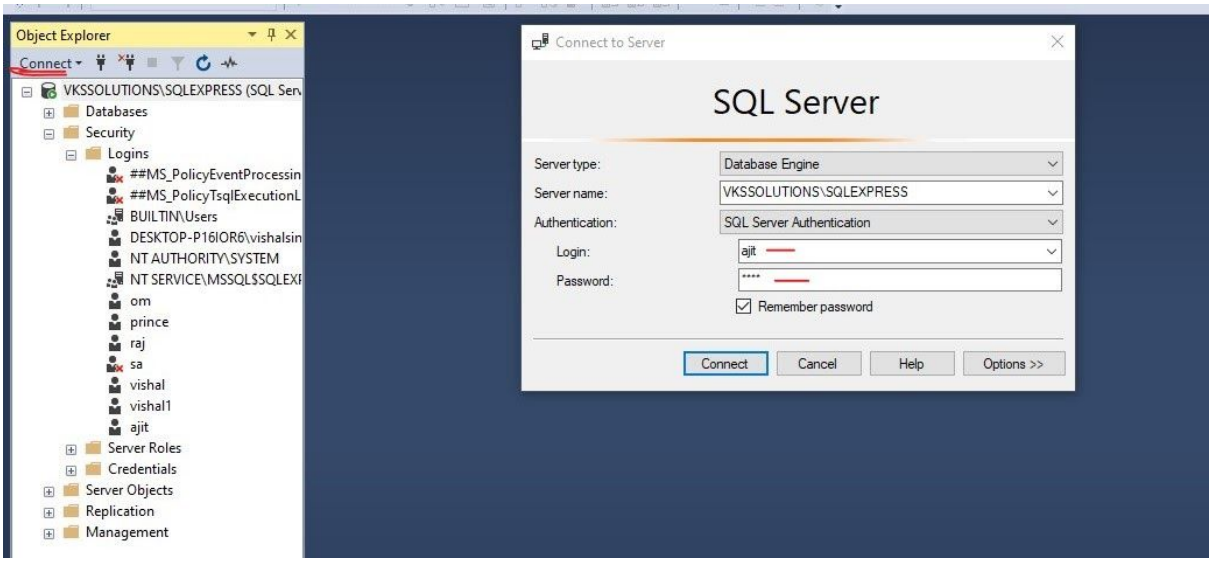
After that write the **UserName & Password** and give certain **permission of sysadmin**(to fetch all the database if you wish)



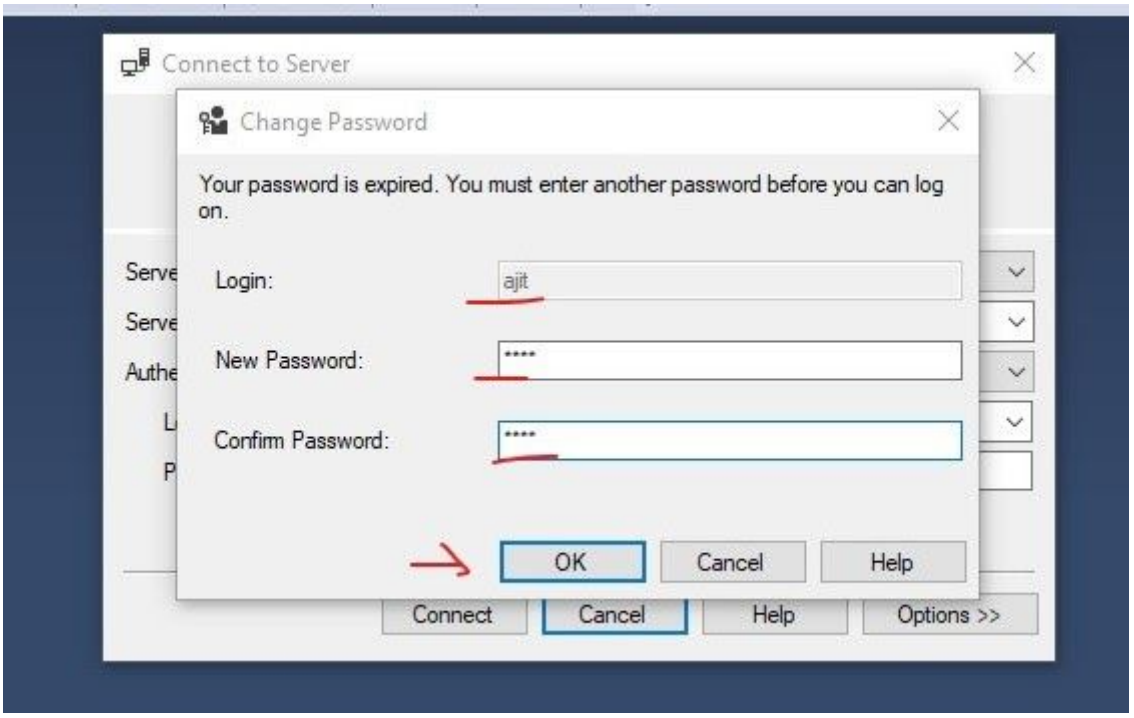


Press **Ok** and you will see a new user has been created.

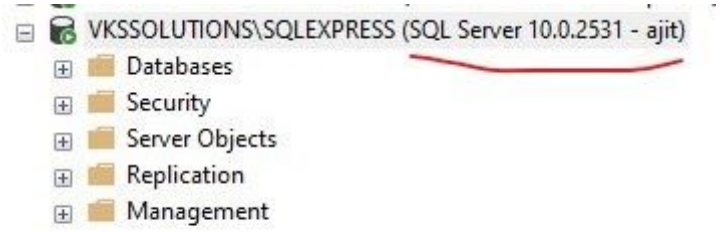
After that we are going to **log in** with the new user .



As the new user it will ask for new password you can enter same password as you wish.

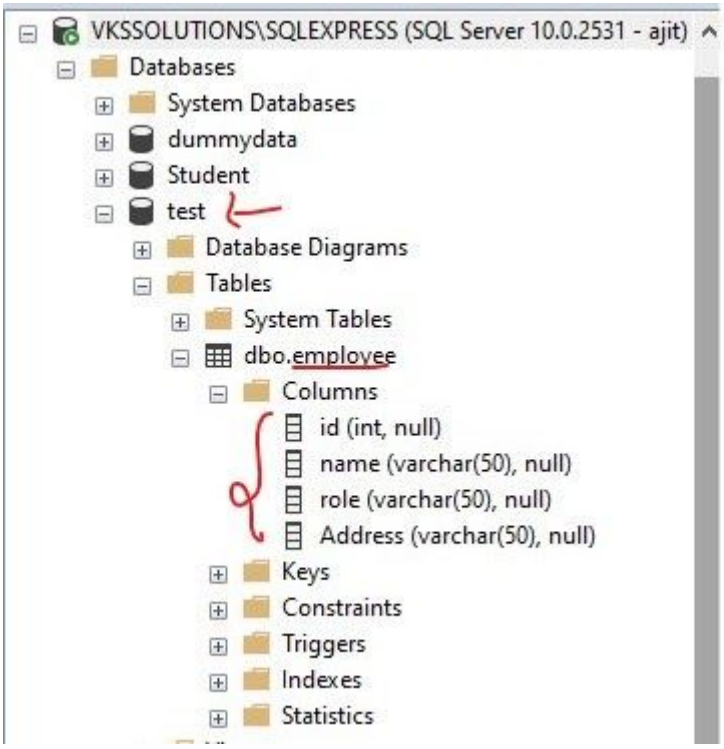


Press Ok you will find that you have signed into **MS SQL** with same **UserName**.



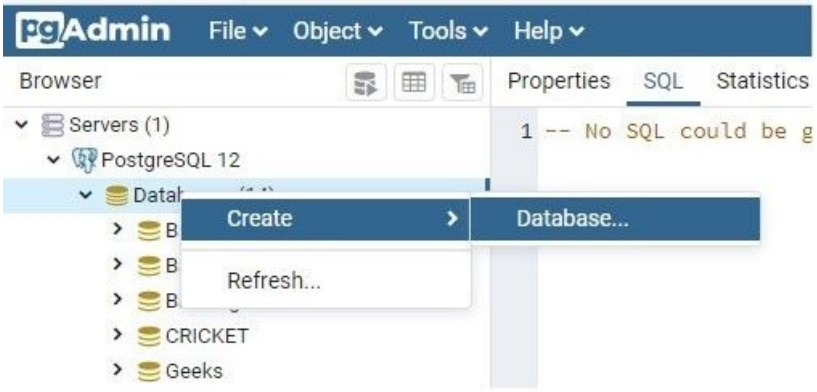
So create one Database and Table .

Database Name - Test
Table Name- employee (with 4 attributes)
Schema - dbo

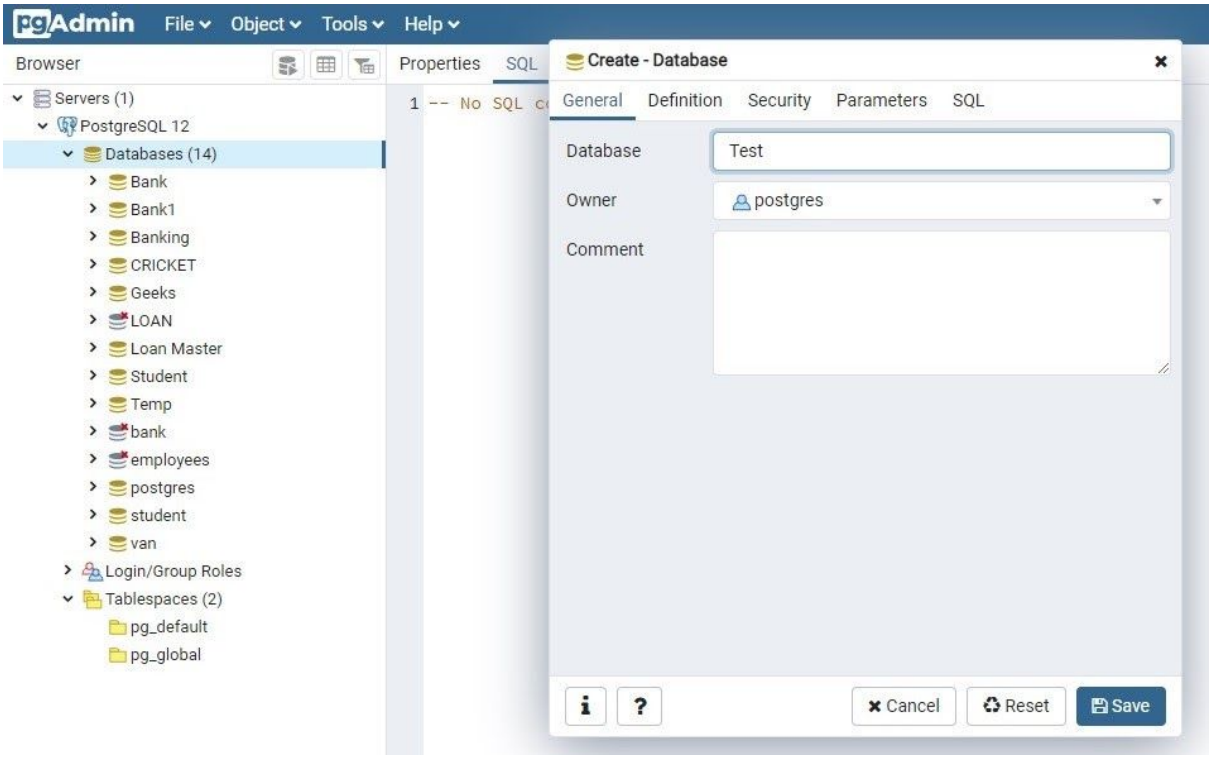


After that we will go to PostgreSql we will create extension and try to fetch data using Foreign Data wrapper.

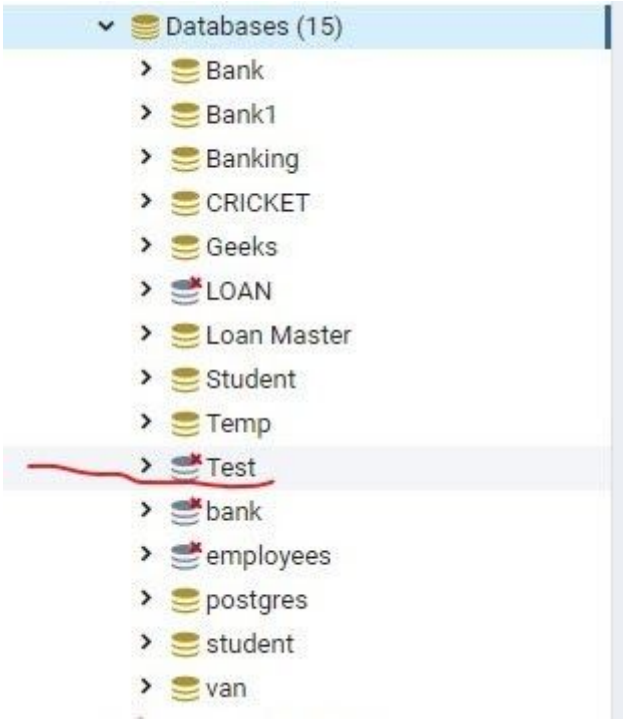
1 **Create Database**



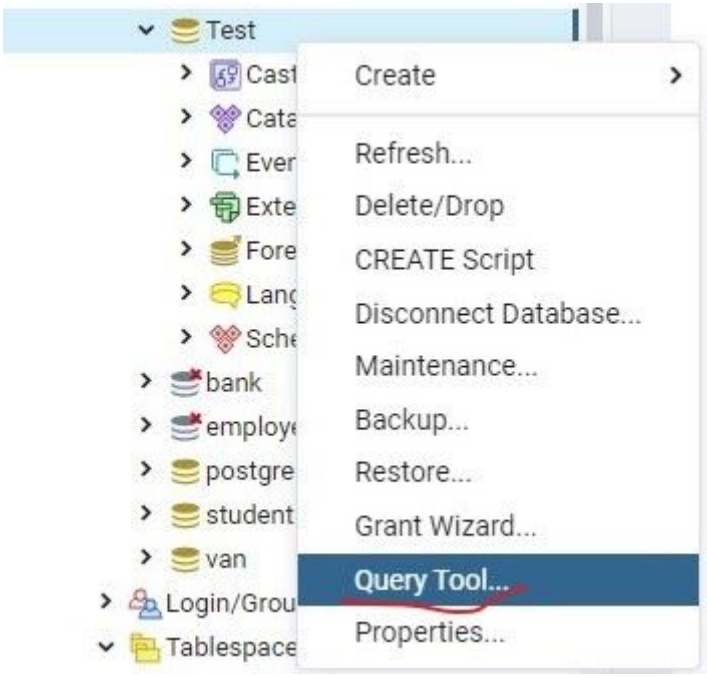
Enter the **DataBase Name and press Save**.



After that you will find DatabaseName in Databases.



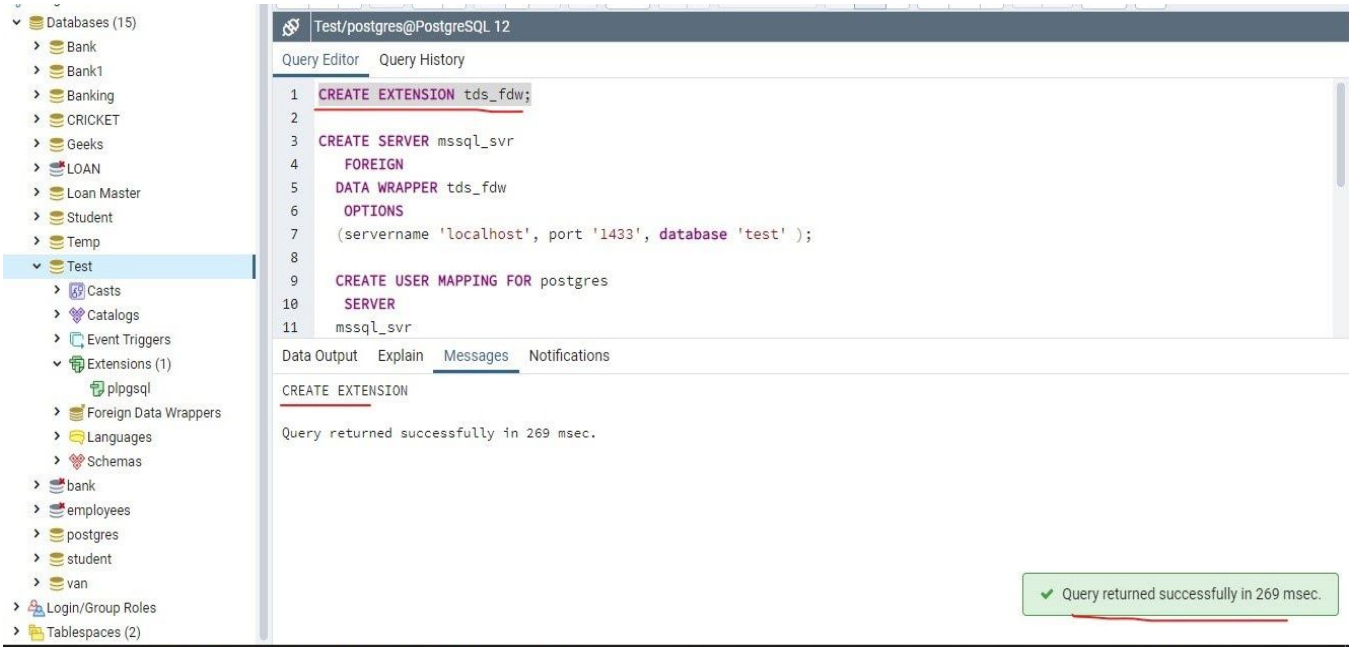
Open Query tool



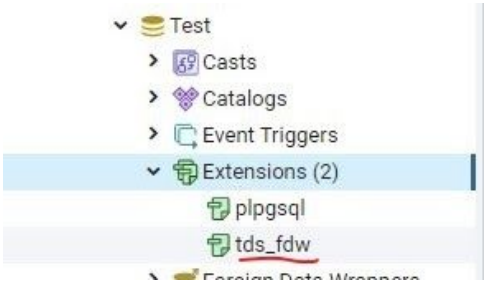
We are going to create extension(tds_fdw)

I have followed this link for syntax reference(Syntax Link)

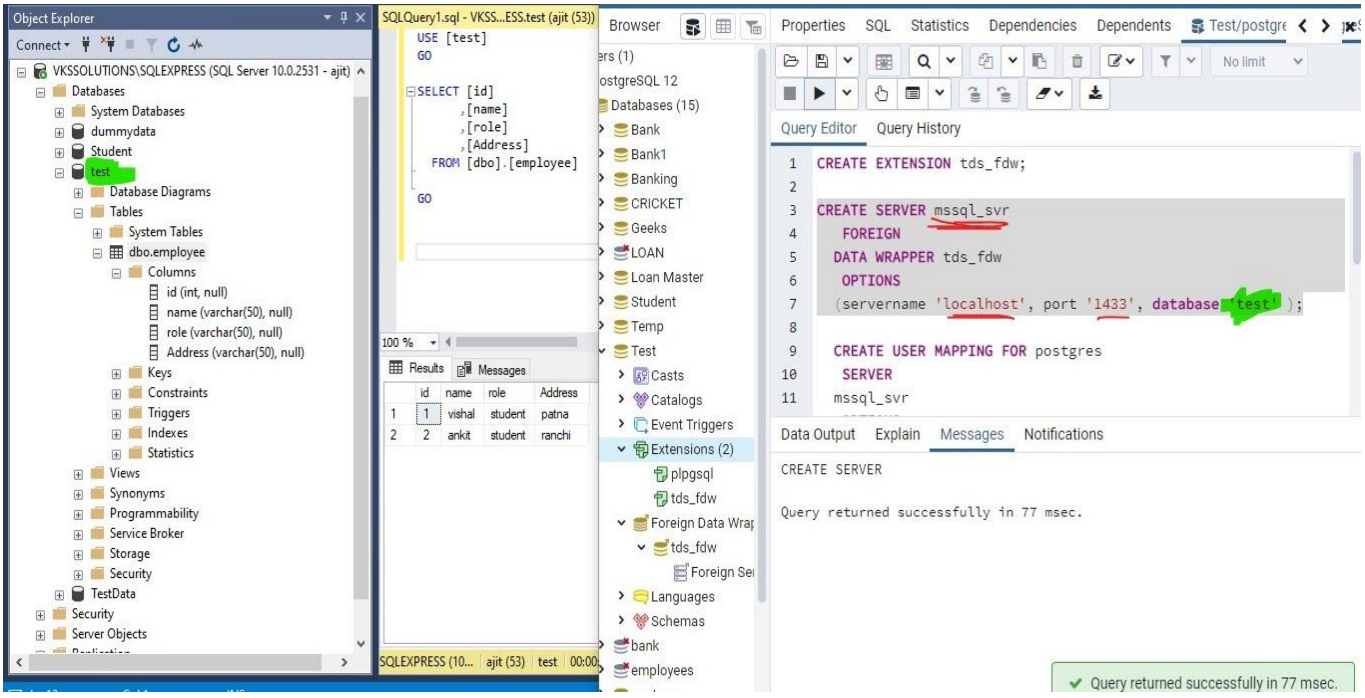
Step :1



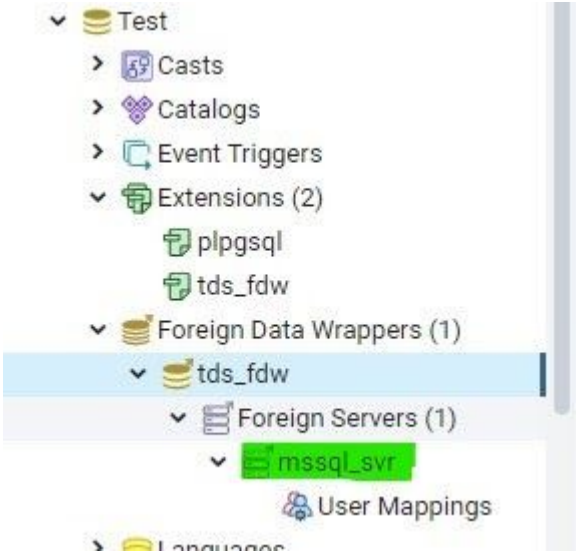
After execution you can find extension.



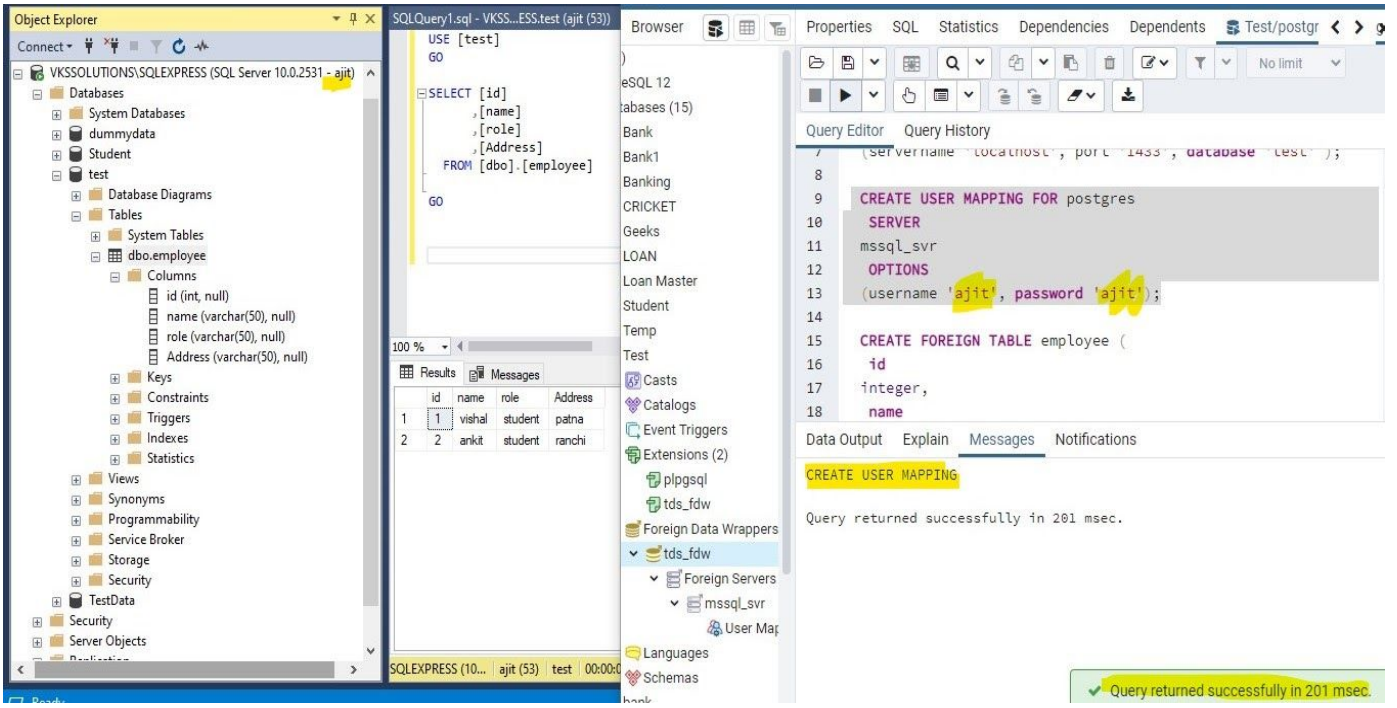
Step 2: Foreign server Creation



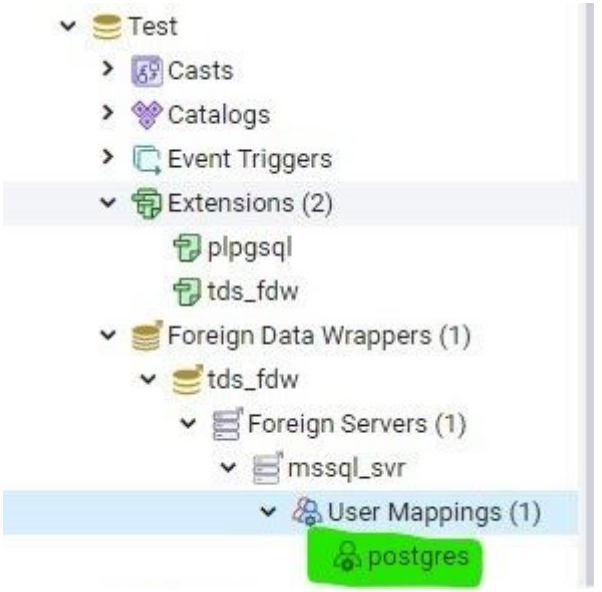
You will find foreign server you created on foreign servers.



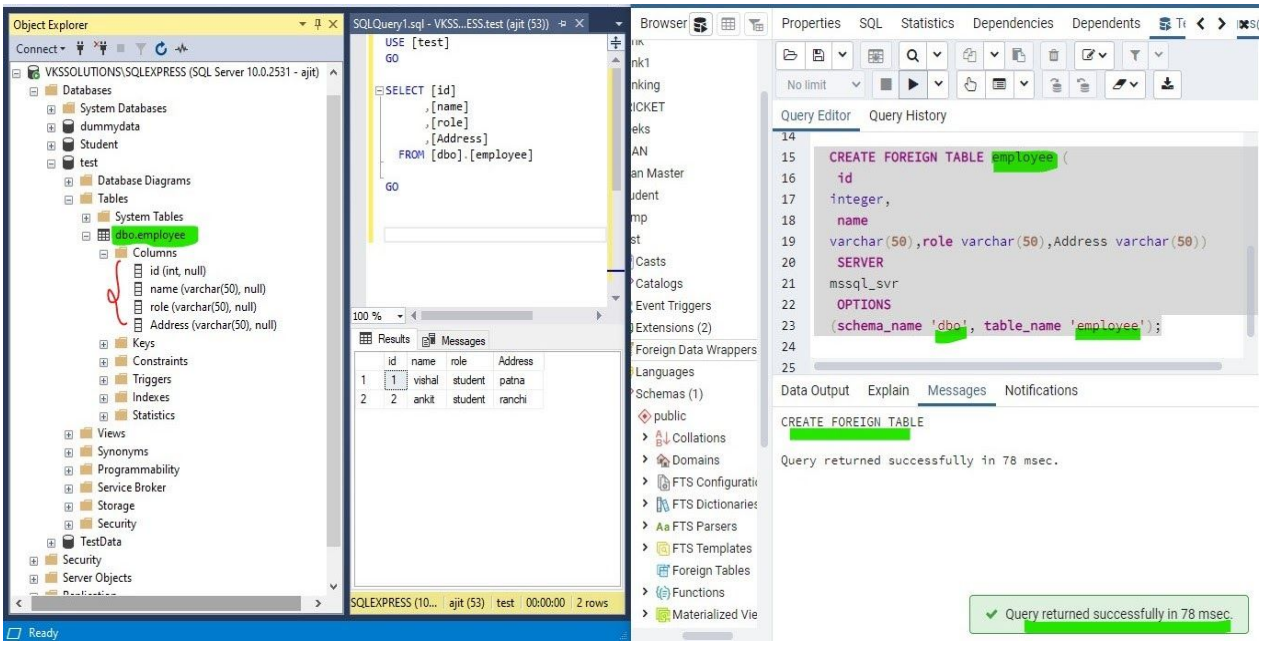
Step 3: We are going to create userMapping



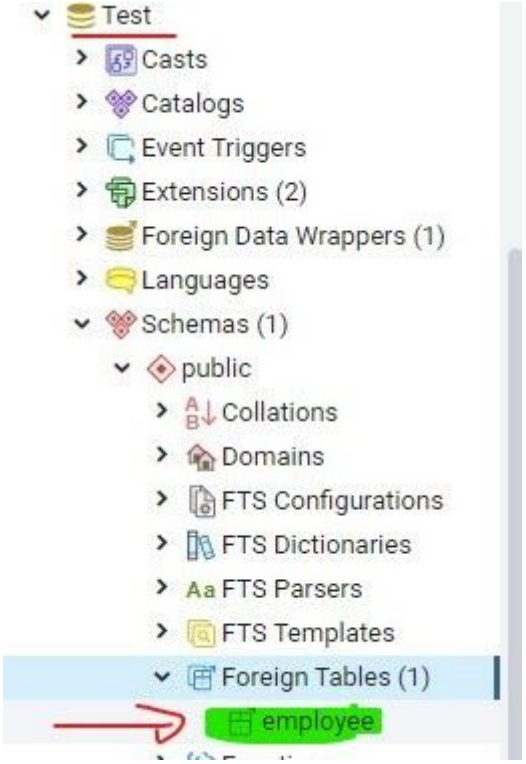
You can see user Mappings in user Mapping that you have created.



Step 4: We will create Foreign Table



You can see created Foreign Table



Step 5: Now we are going to Run a Query to check we can fetch Data .