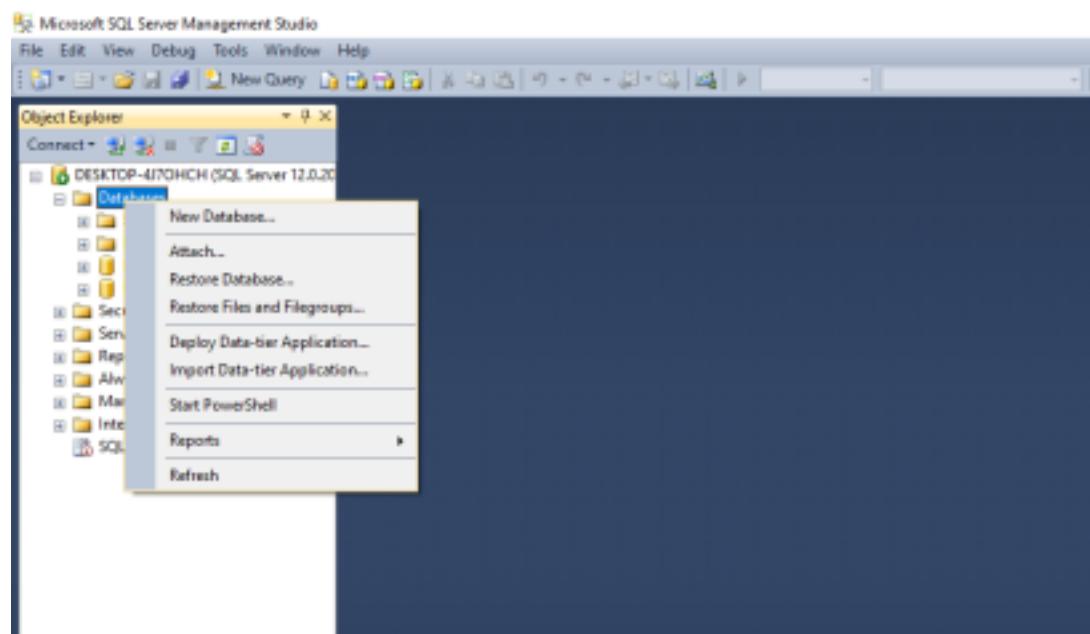


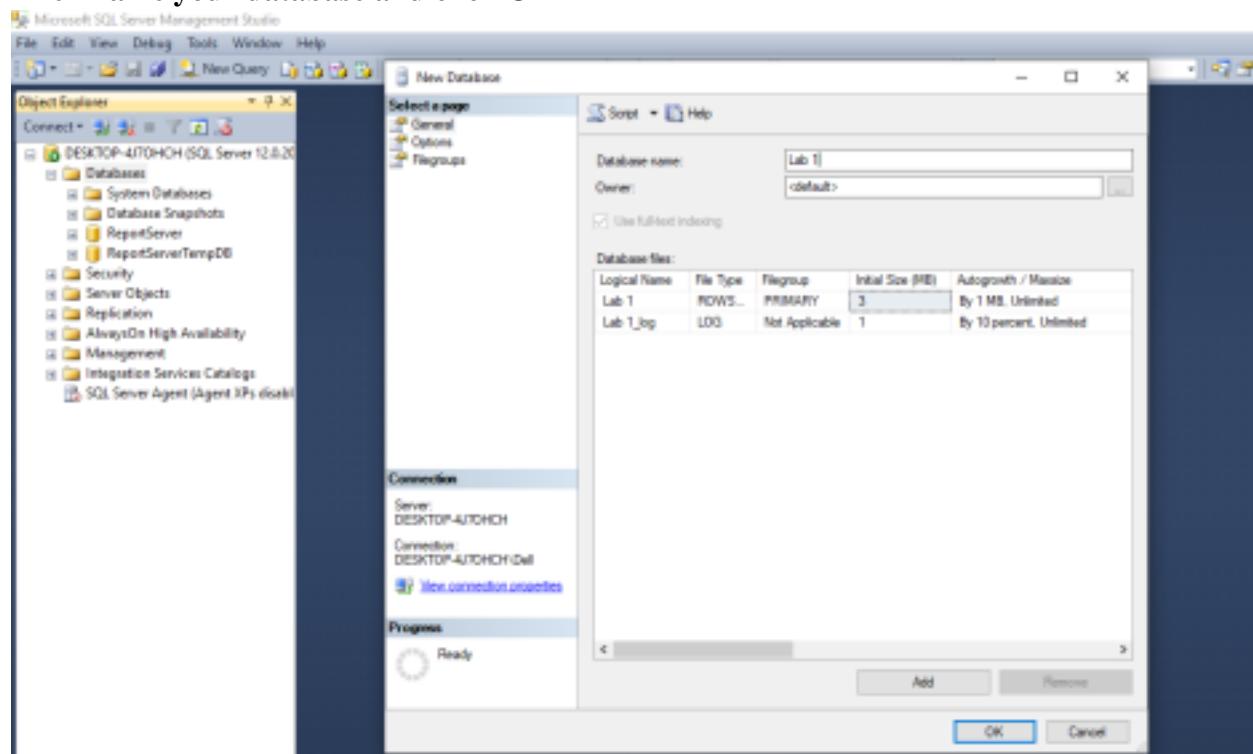
Objectives: Familiarize with SQL server to export, import cvs, xls and sql files. Basic intro of Databases and their uses.

Steps to create database

Right click on the database folder in object Explorer and then select new database

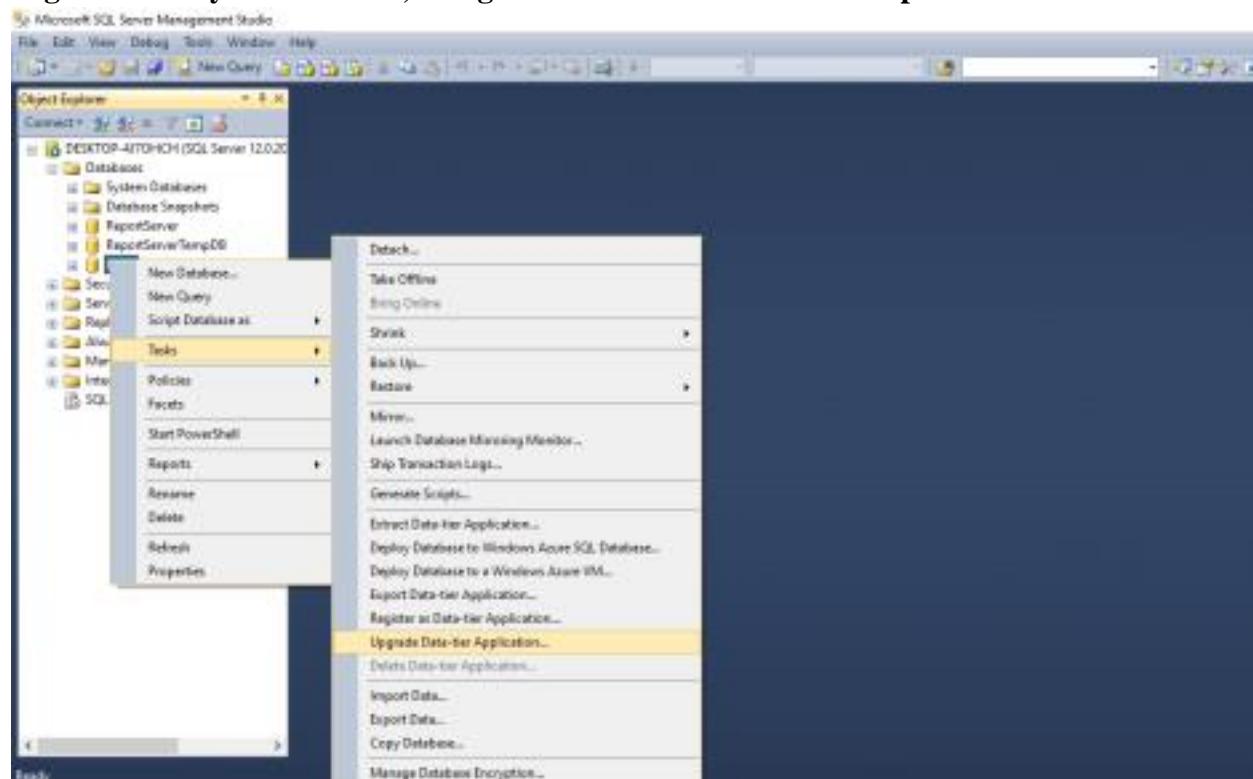


Then name your database and click OK

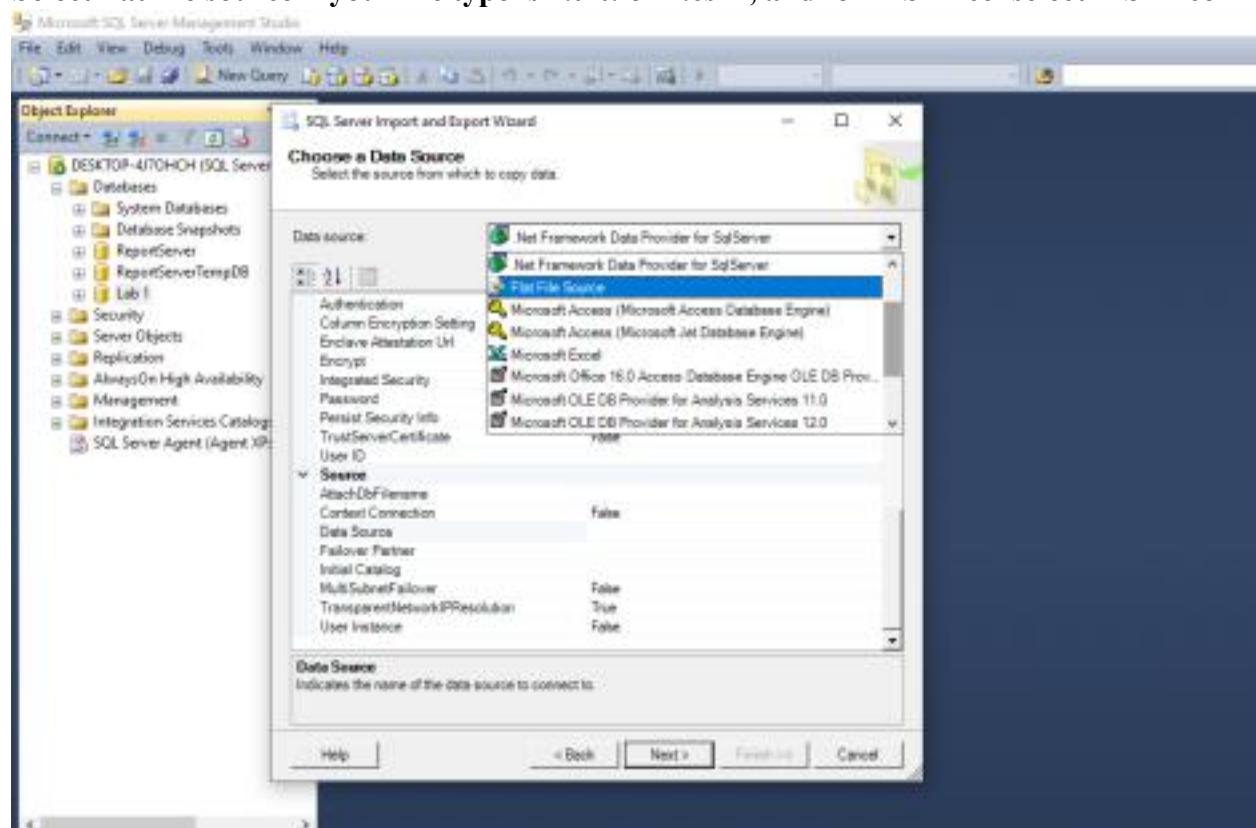


Steps to import/export Data

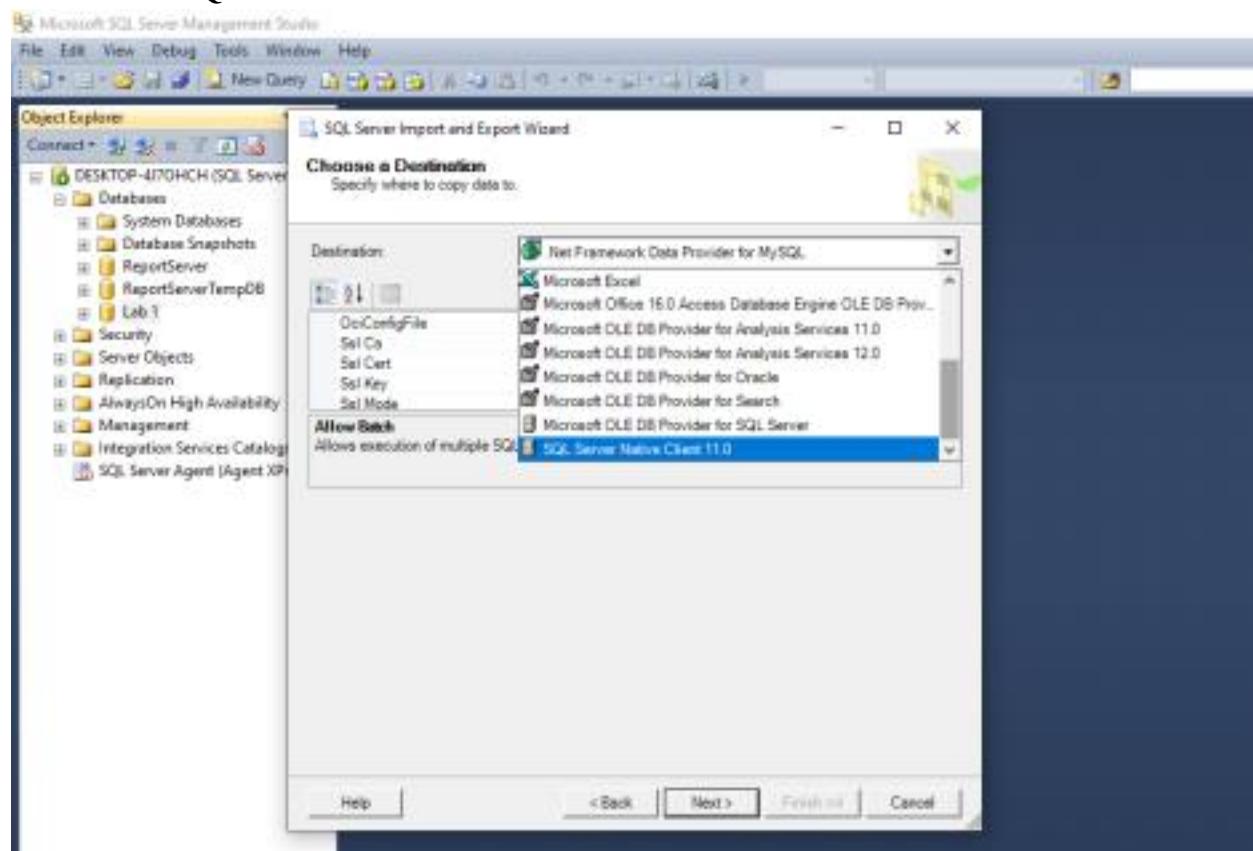
Right click on your database, navigate to tasks and then select import data



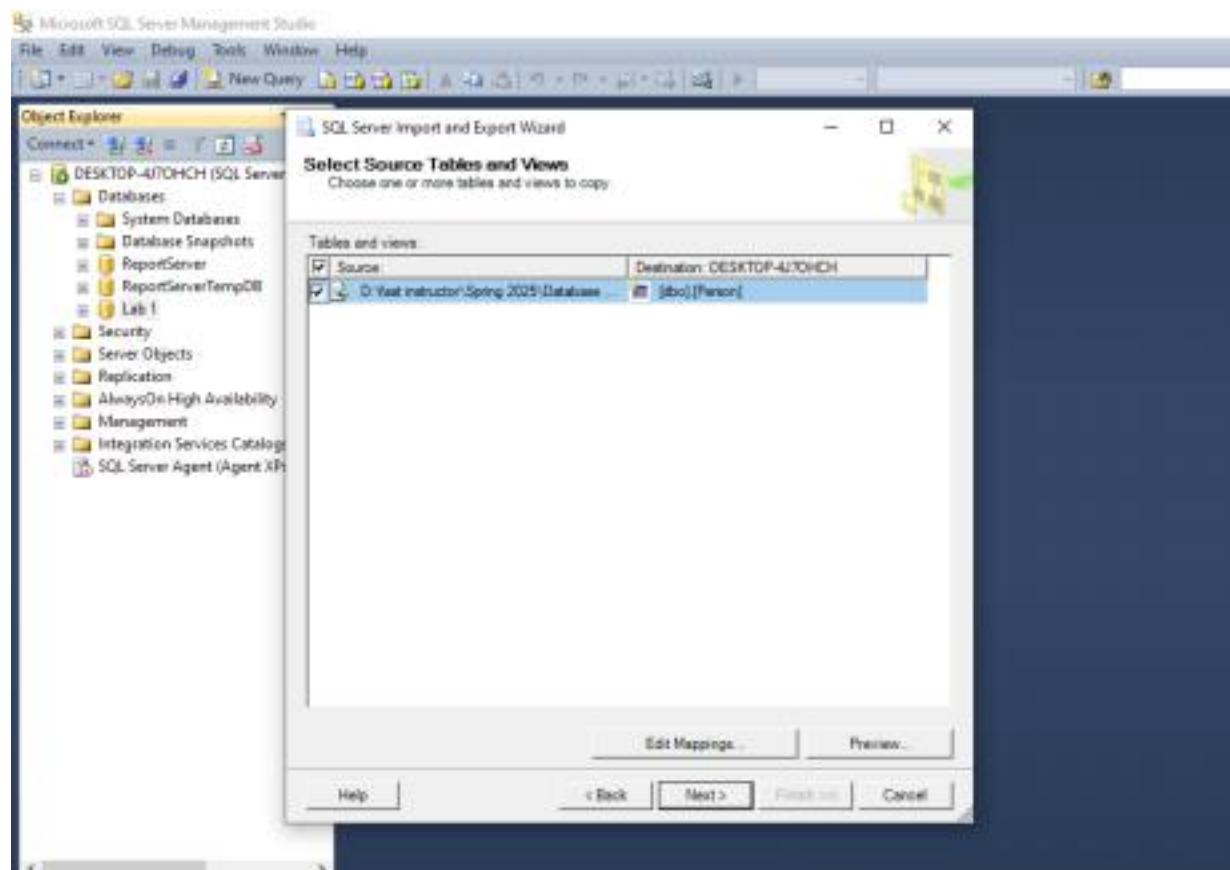
Select flat file source if your file type is “.txt” or “.csx”, and for MS Excel select MS Excel



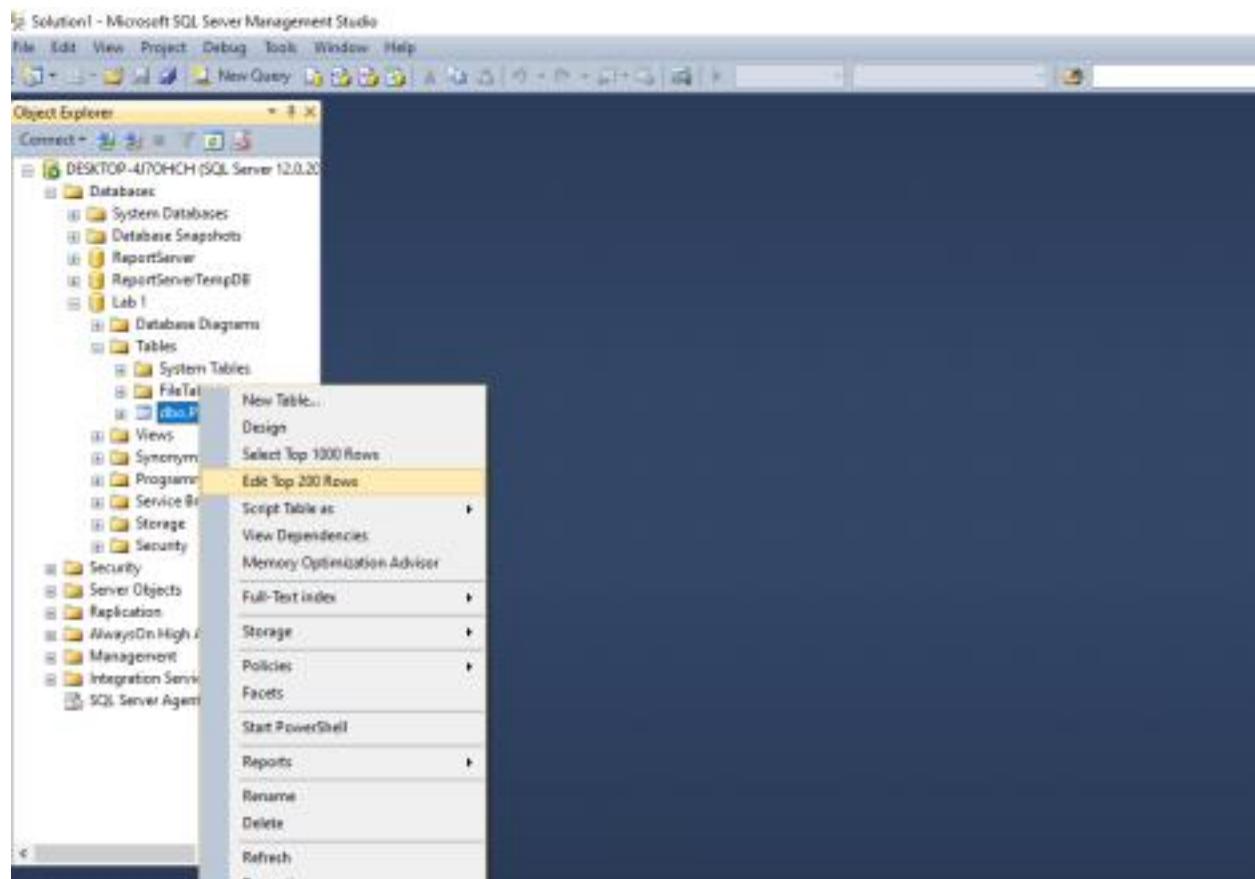
Now choose SQL Server Native Client as Destination



Click next and then finish

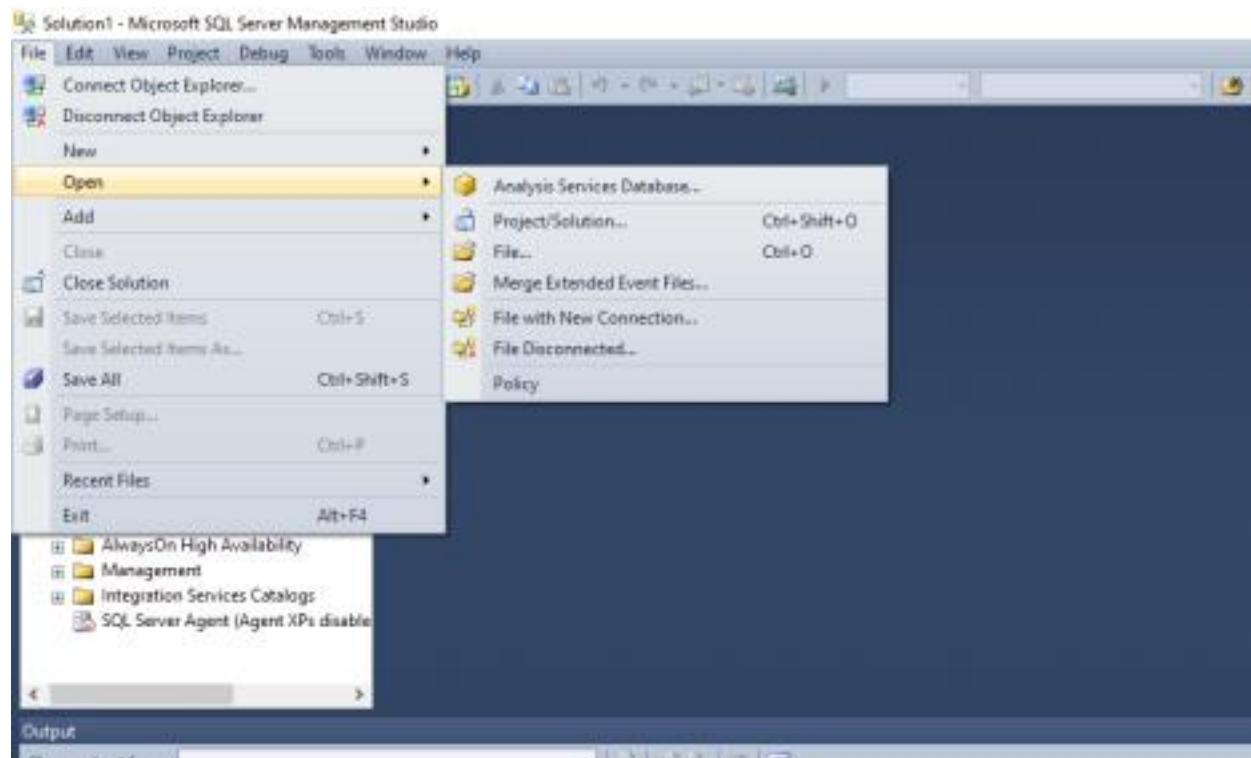


To check your data go to your database then tables and right click on your file and select edit rows



How to import SQL file

Go to File>open>file and then select file you want to import



For execution select your query and click execute

A screenshot of the SSMS query editor. The title bar says "H-4I70HCH\Lab 1 | DESKTOP-4I70HCH\DELL (55) | Microsoft SQL Server Management Studio". The menu bar includes "Project", "Debug", "Tools", "Window", and "Help". Below the menu is a toolbar with icons for New Query, Execute, Debug, and others. The main pane contains a T-SQL script:

```
HireDate DATE,  
Salary DECIMAL(18, 2)  
);  
  
INSERT INTO Employees (EmployeeID, FirstName, LastName, Department, HireDate, Salary)  
VALUES  
(1, 'John', 'Doe', 'Sales', '2010-01-15', 50000.00),  
(2, 'Jane', 'Smith', 'Marketing', '2010-07-21', 62000.00),  
(3, 'Michael', 'Johnson', 'IT', '2008-11-18', 75000.00),  
(4, 'Betty', 'Davis', 'HR', '2017-05-02', 34000.00),  
(5, 'David', 'Miller', 'Finance', '2021-01-25', 67000.00),  
(6, 'Sarah', 'Wilson', 'Operations', '2016-04-19', 58000.00),  
(7, 'James', 'Brown', 'Sales', '2010-02-12', 49000.00),  
(8, 'Linda', 'Taylor', 'Marketing', '2022-06-14', 72000.00),  
(9, 'Robert', 'Anderson', 'IT', '2015-06-03', 88000.00),  
(10, 'Patricia', 'Thomas', 'HR', '2019-10-30', 53000.00)  
  
SELECT * FROM Employees;
```

The status bar at the bottom shows "Connected (1/1)" and "DESKTOP-4I70HCH (12.0 RTM) | DESKTOP-4I70HCH\DELL (55) | Lab 1 | 00:00:00".

TASK 1

Create a database and name it your name and your roll number. For example, Ali123.

TASK 2

Import “Person.txt” file and view its data

TASK 3

Import “Order.xls” file and view its data.

TASK 4

Import “employees.sql” file and execute pre-written queries.

TASK 5

Export data of all three tables imported from these files in the same excel file.

Files to be submitted

- Screenshot showing all 3 created tables inside your DB on the left menu. Your DB name should also be visible in the screenshot.
- Final excel file that contains all data of all 3 tables.