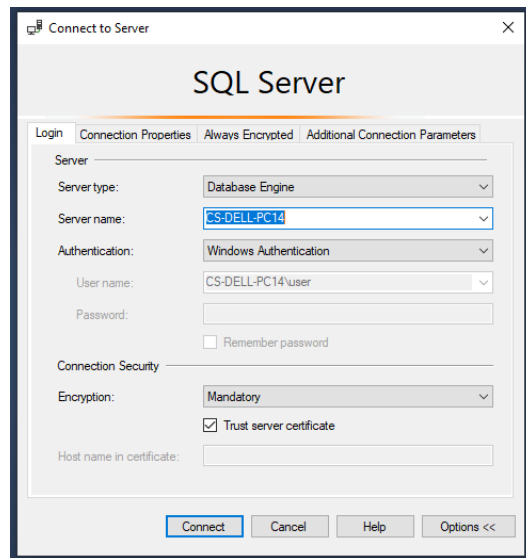


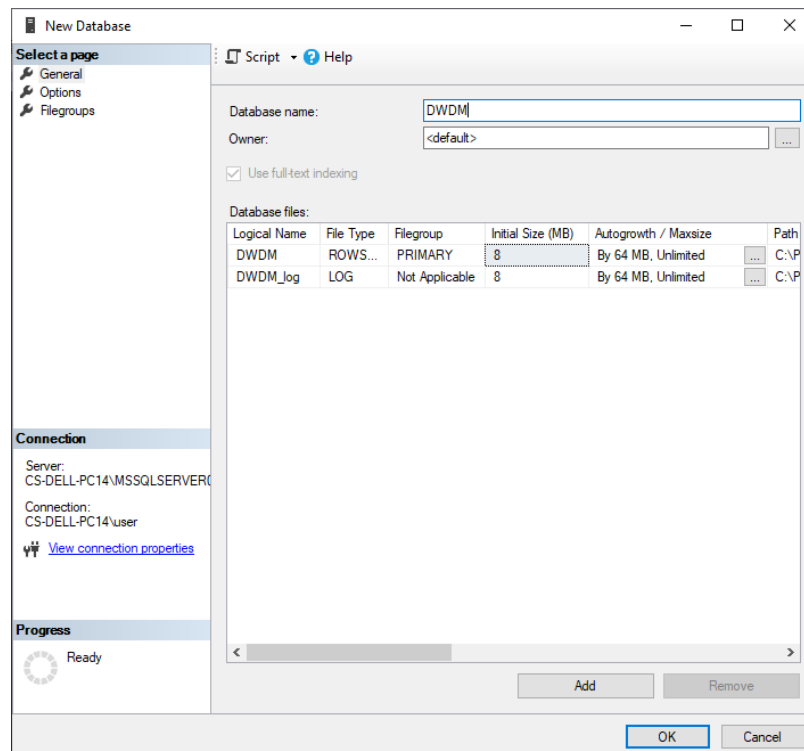
PRACTICAL NO 2

Aim: Develop an application to design a warehouse by importing various tables from the external sources.

Step 1: Connect to the server in the SQL Server Management studio



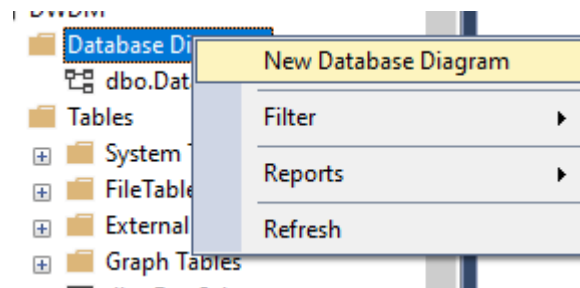
Step 2: Create database and give name DWDM



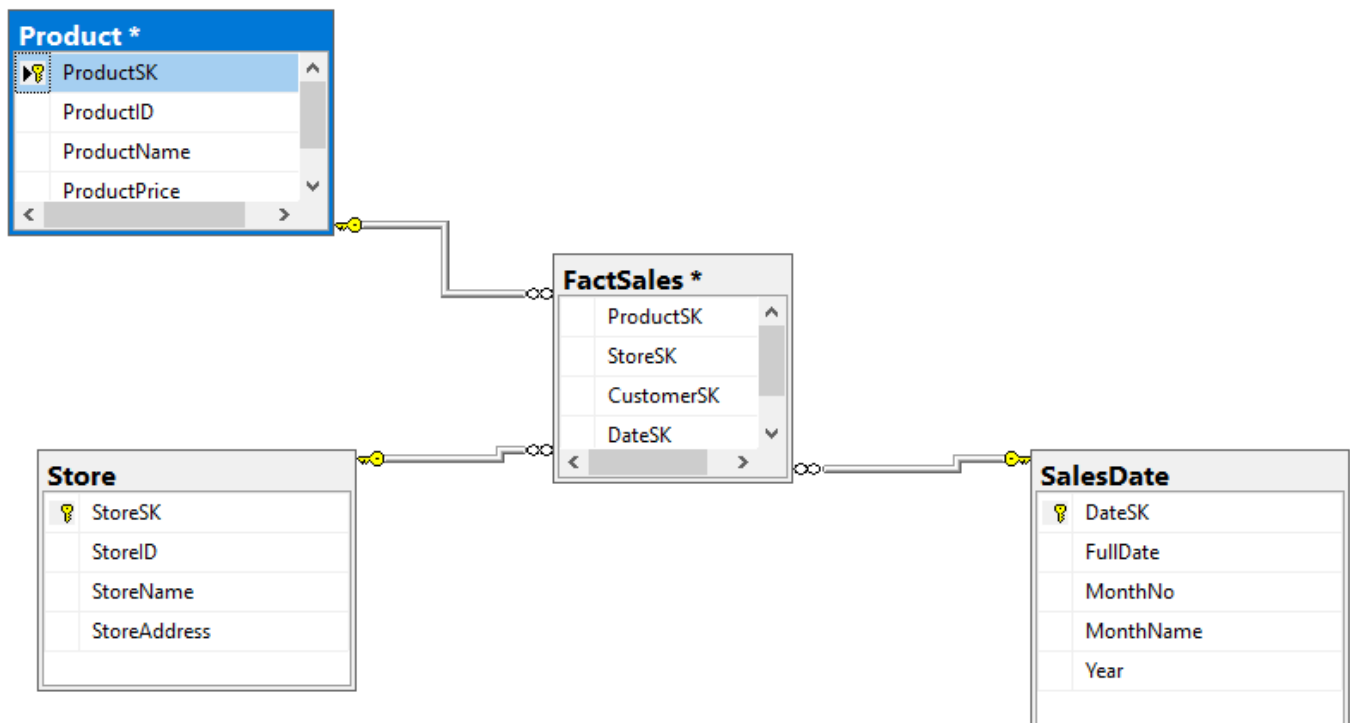
Step 3: Create four tables name them as Products, SalesDate, FactSales and Stores

CS-DELL-PC14\MSS...DM - dbo.Table_1		
Column Name	Data Type	Allow Nulls
		<input type="checkbox"/>

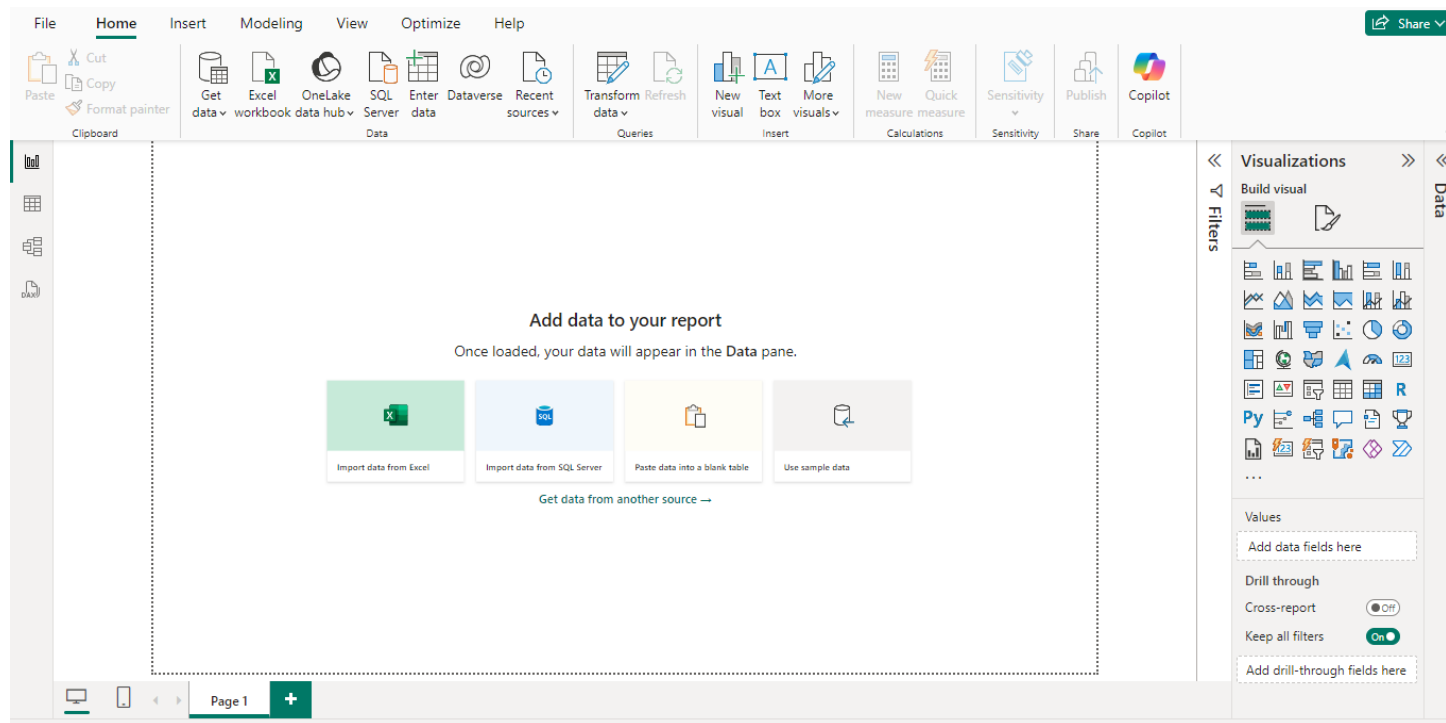
Step 4: Under the DWDM Database under database diagrams select New Database diagram



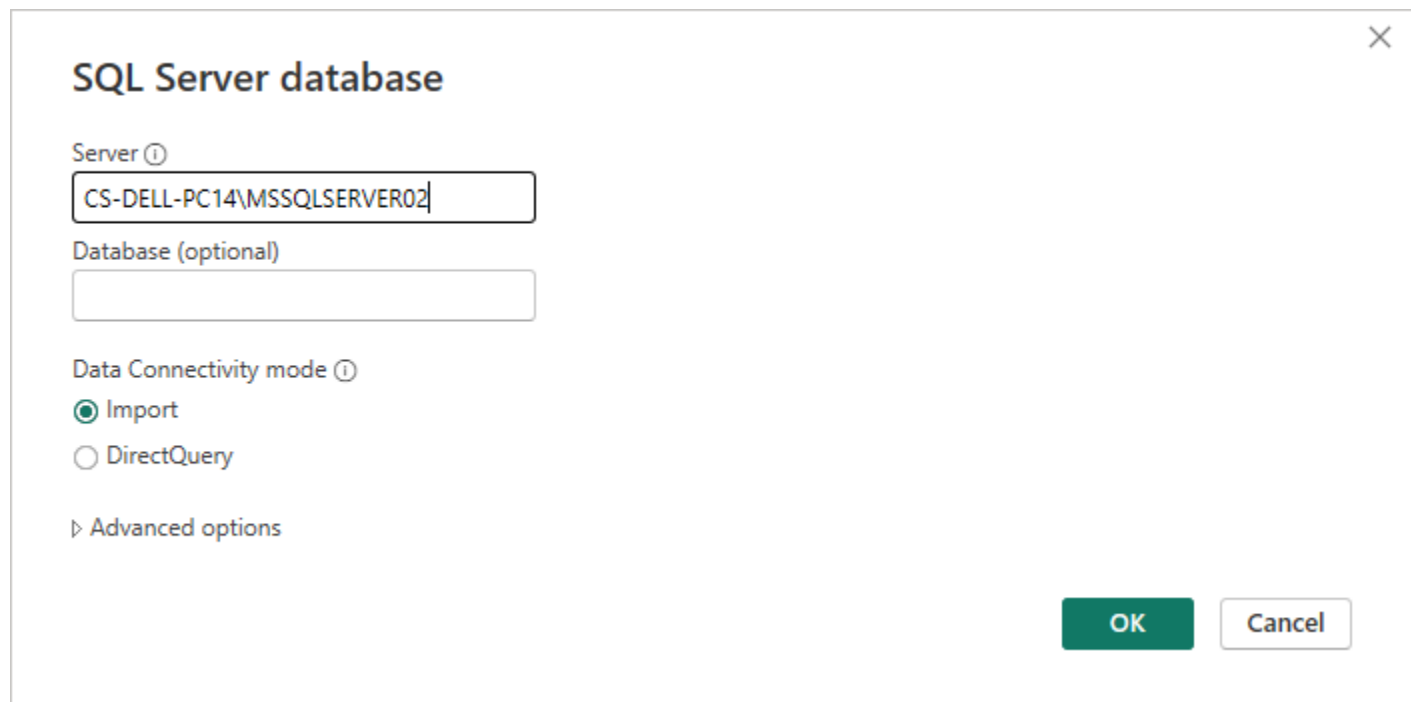
Step 5: Choose the respective table and make the necessary relationship among them



Step 6: Open Power BI Desktop and select blank report



Step 7: Select SQL Server and enter the server name from the management studio



Step 8: Select the respective tables from the DWDM database in the navigator

The screenshot shows the Power BI Navigator window. On the left, under 'Display Options', the 'DWDM [6]' folder is expanded, and the 'Store' table is selected. The right pane shows the 'Store' table preview, which is empty. The preview table has columns: StoreSK, StoreID, StoreName, StoreAddress, and FactSales. A message states 'This table is empty.' At the bottom, there are buttons for 'Select Related Tables', 'Load', 'Transform Data', and 'Cancel'.

StoreSK	StoreID	StoreName	StoreAddress	FactSales
This table is empty.				

Step 9: Create an excel sheet name it as Customer with necessary columns

The screenshot shows an Excel spreadsheet with a single sheet named 'Customer'. The columns are labeled A, B, C, D, and E. The data rows are numbered 1, 2, and 3. The first row contains the following data: CustomerSK, CustomerID, CustomerName, and CustomerEmail.

	A	B	C	D	E
1	CustomerSK	CustomerID	CustomerName	CustomerEmail	
2					
3					

Step 10: Import the excel in the power bi project

The screenshot shows the Power BI Navigator window. On the left, under 'Display Options', the 'Customer.xlsx [1]' file is expanded, and the 'Customer' table is selected. The right pane shows the 'Customer' table preview, which is empty. The preview table has columns: CustomerSK, CustomerID, CustomerName, and CustomerEmail. A message states 'This table is empty.' At the bottom, there are buttons for 'Select Related Tables', 'Load', 'Transform Data', and 'Cancel'.

CustomerSK	CustomerID	CustomerName	CustomerEmail
This table is empty.			

Step 11: Make the necessary relation for the customer table

← New relationship

×

Select tables and columns that are related.

From table

Customer

CustomerEmail

CustomerID

CustomerName

CustomerSK

A preview of this table isn't available

To table

FactSales

CustomerSK

DateSK

ProductSK

StoreSK

A preview of this table isn't available

Cardinality

One to one (1:1)

Cross-filter direction

Both

☒ Make this relationship active

☐ Assume referential integrity

Save

Cancel

Step 12: Check the warehouse

