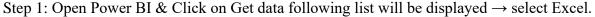
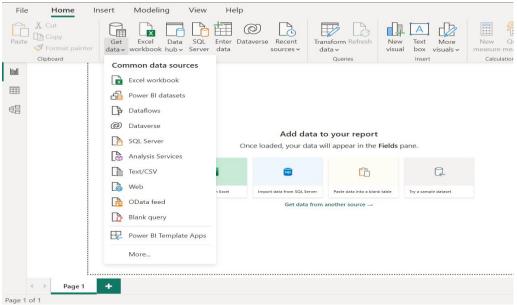
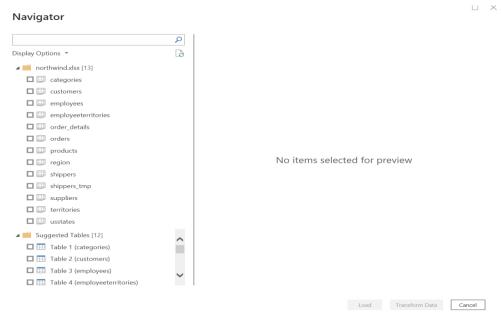
Practical 01:

Import the legacy data from different sources such as (SqlServer) and load in the target system. (sample database such as Adventureworks)



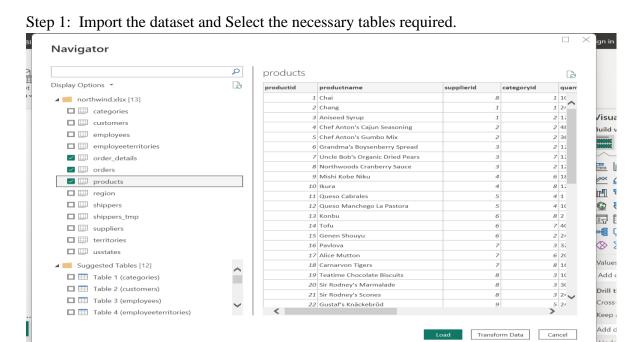


Step 2: Select required file and click on Open, Navigator screen appears, from which u can load the data.

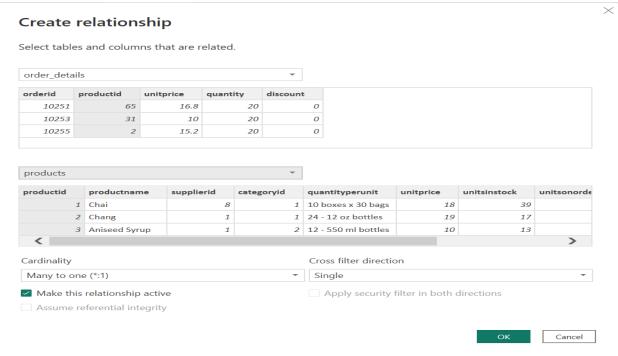


Practical 02:

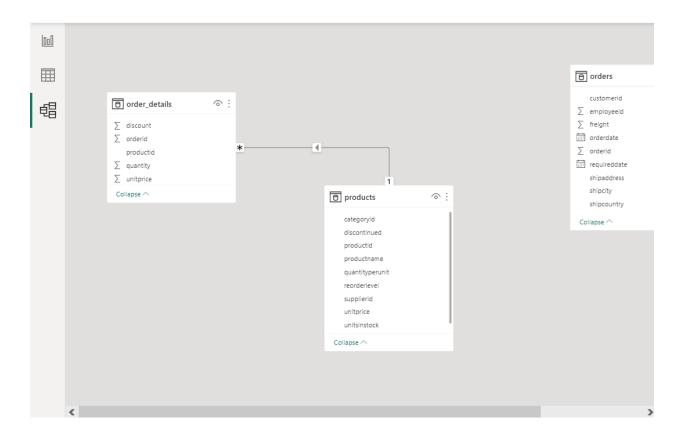
A). Perform the Extraction Transformation and Loading (ETL) process to construct the database in the Power BI.



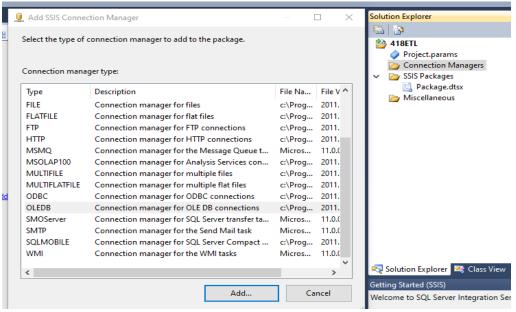
Step 2: Transform data and Managing relationship

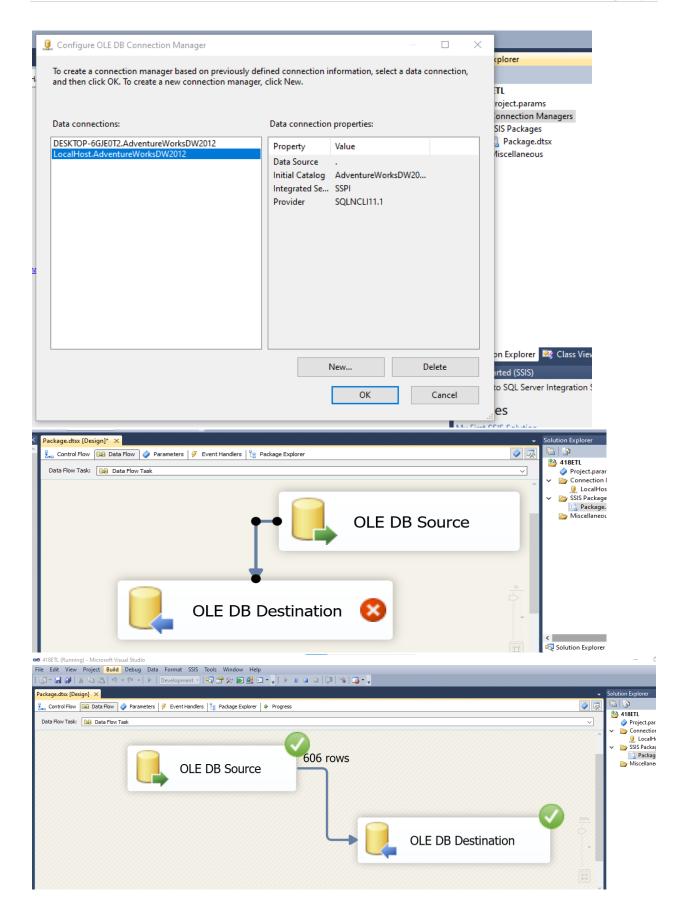


Step 4: Table representation



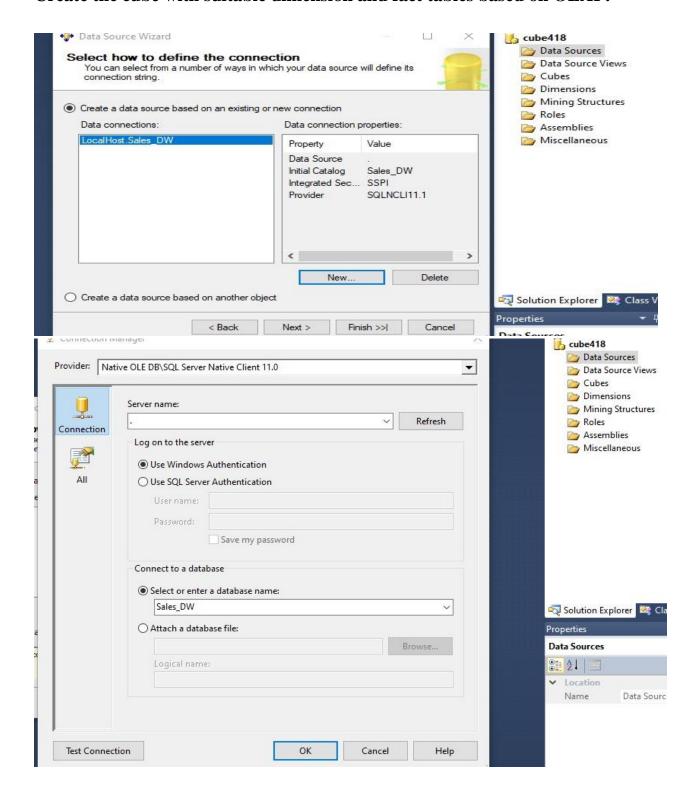
B). Perform the Extraction Transformation and Loading (ETL) process to construct the database in the SQL Server.

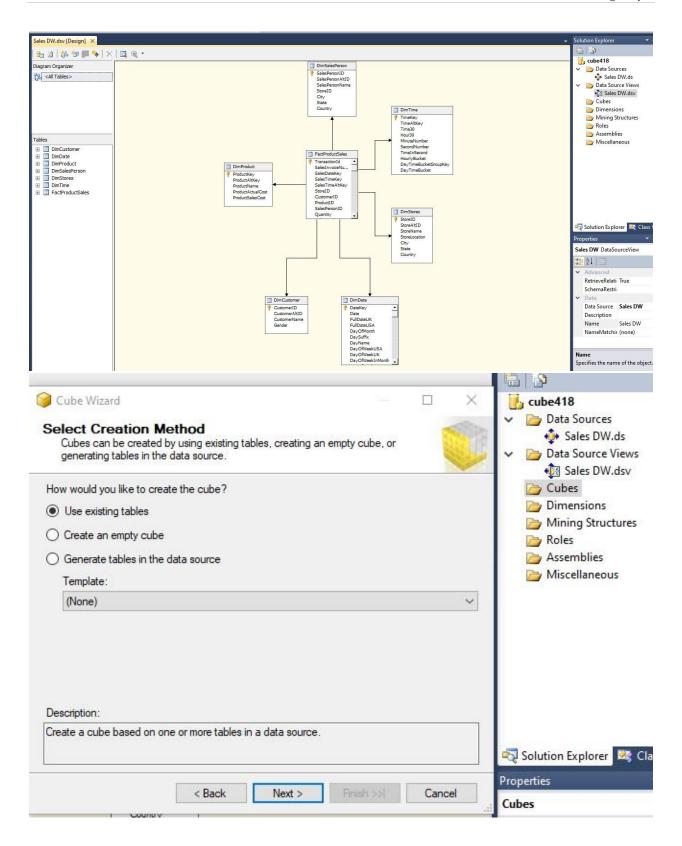


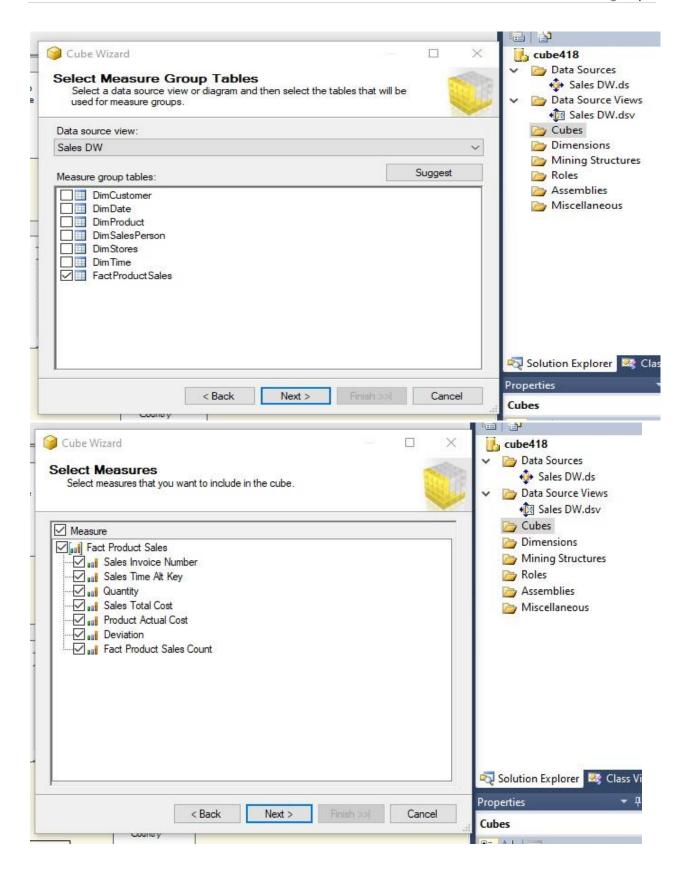


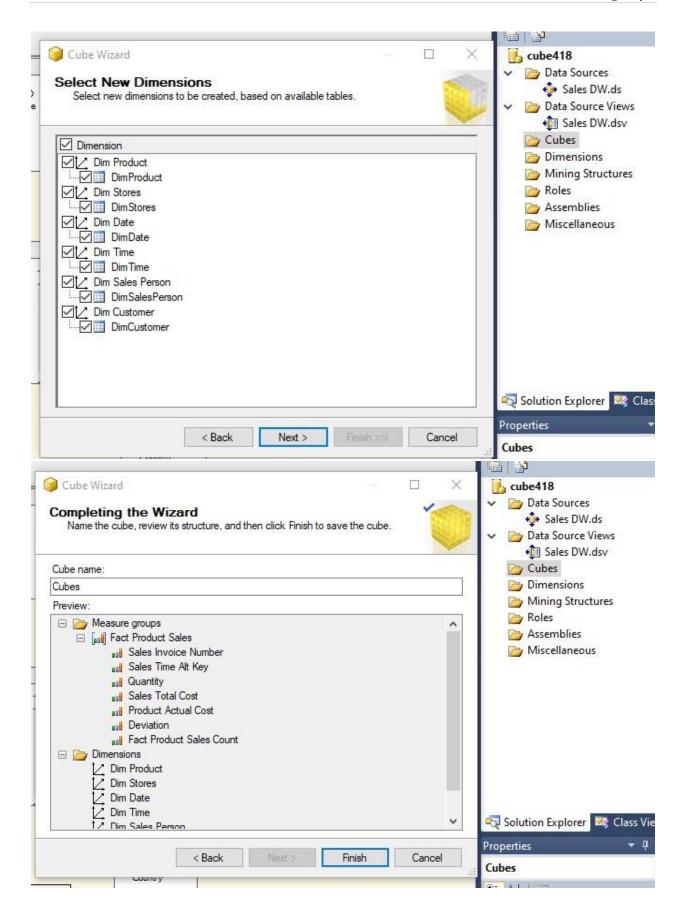
Practical 03:

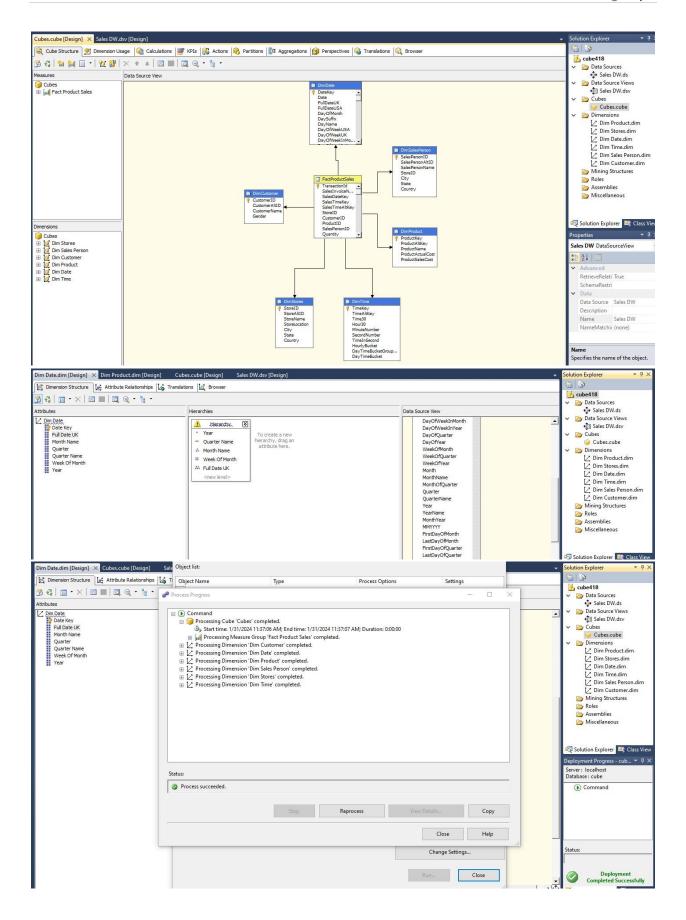
Create the cube with suitable dimension and fact tables based on OLAP.





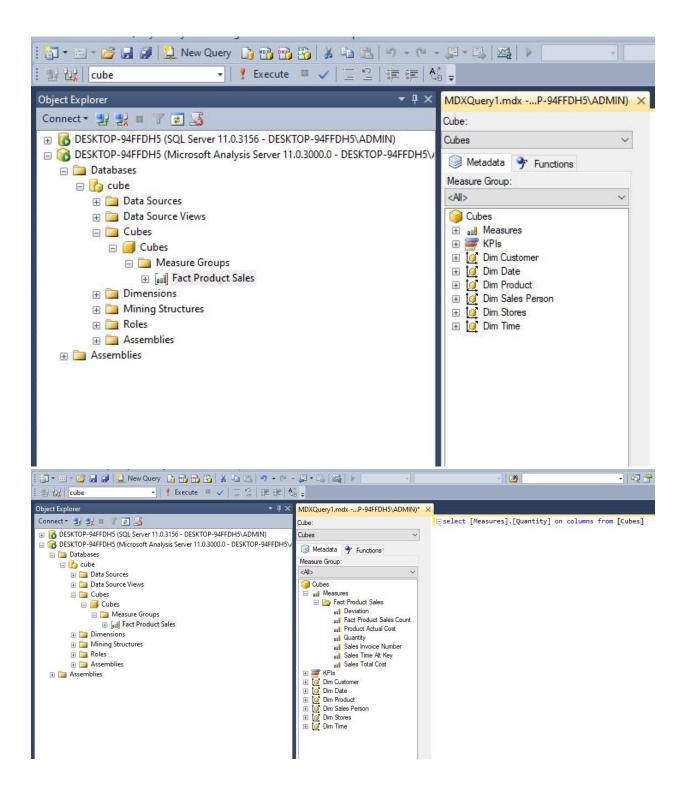


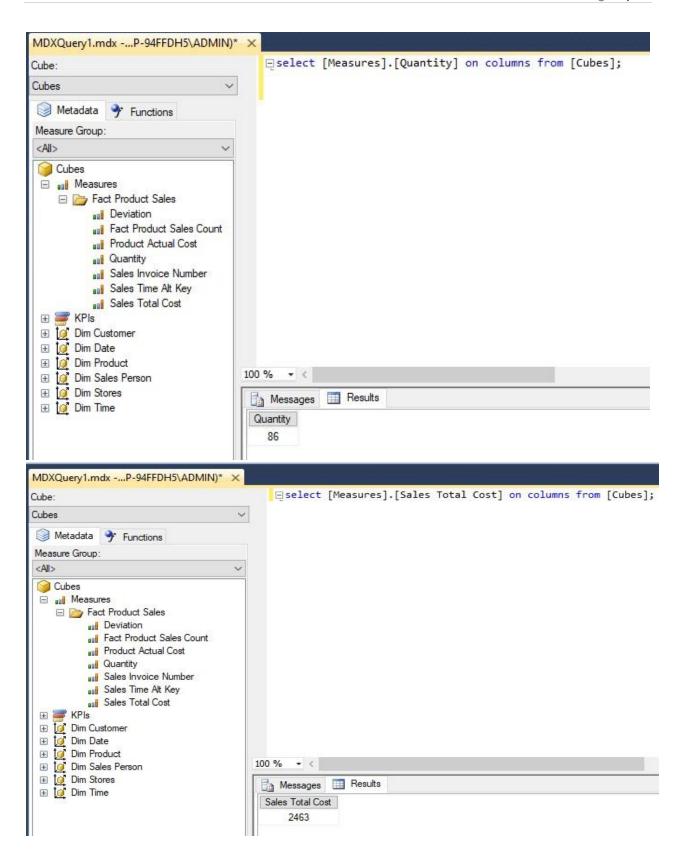


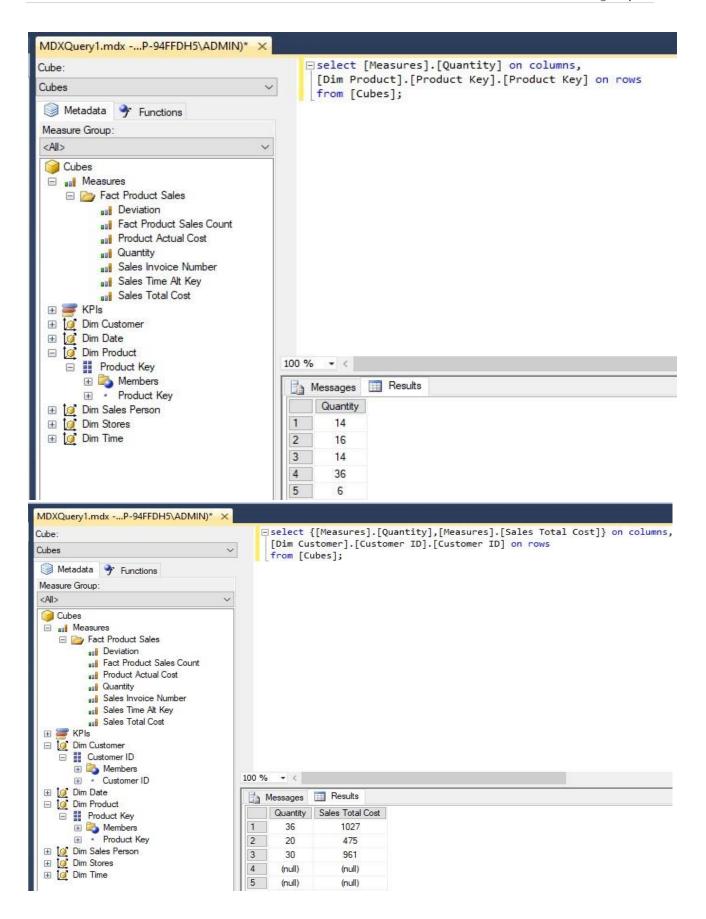


Practical 04:

Execute the MDX queries to extract the data from the data warehouse.



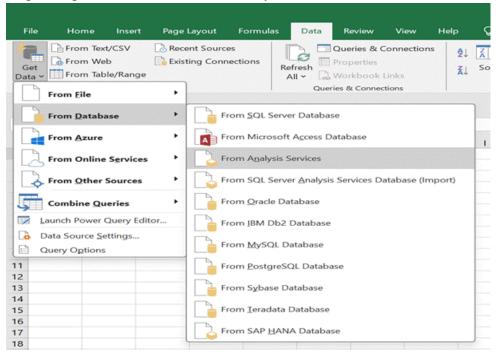




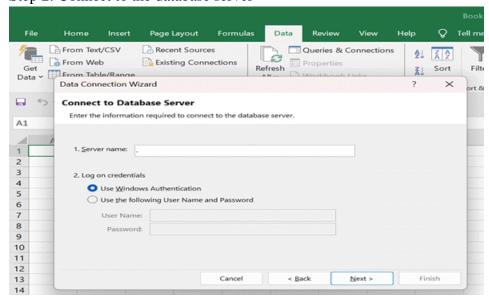
Practical 05:

Import the cube in Microsoft Excel and create the Pivot table and Pivot Chart to perform data analysis.

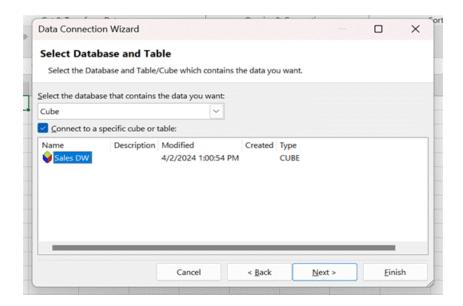
Step 1: Import the Cube from Data Analysis Services.



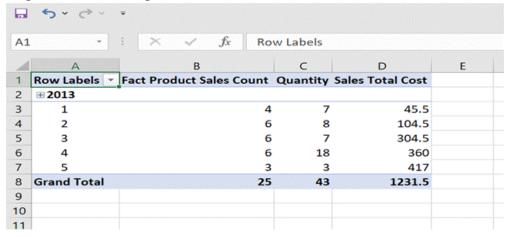
Step 2: Connect to the database server



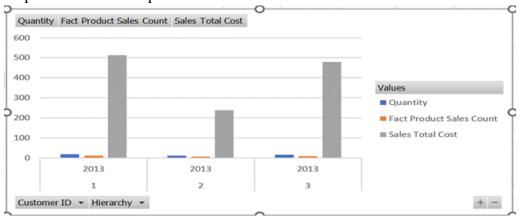
Step 3: Select the Cube created before



Step 4: Pivot Table report

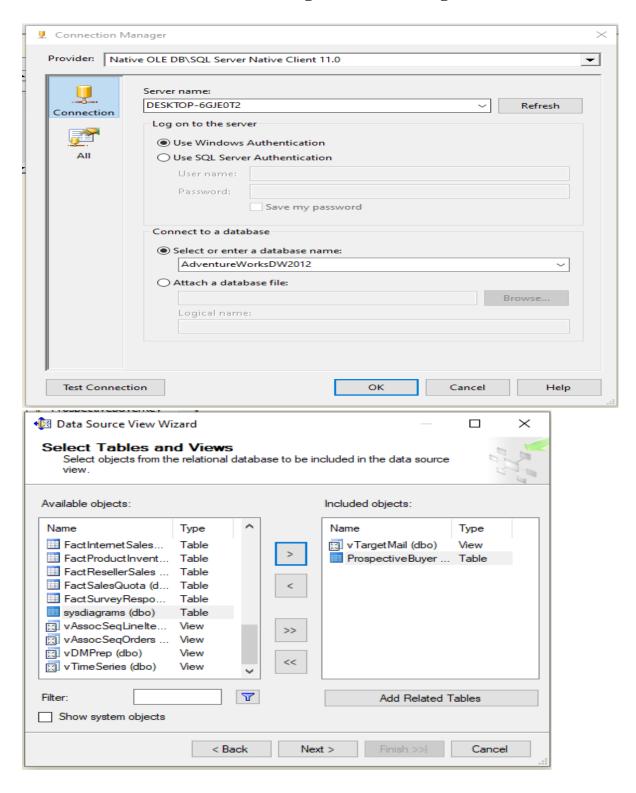


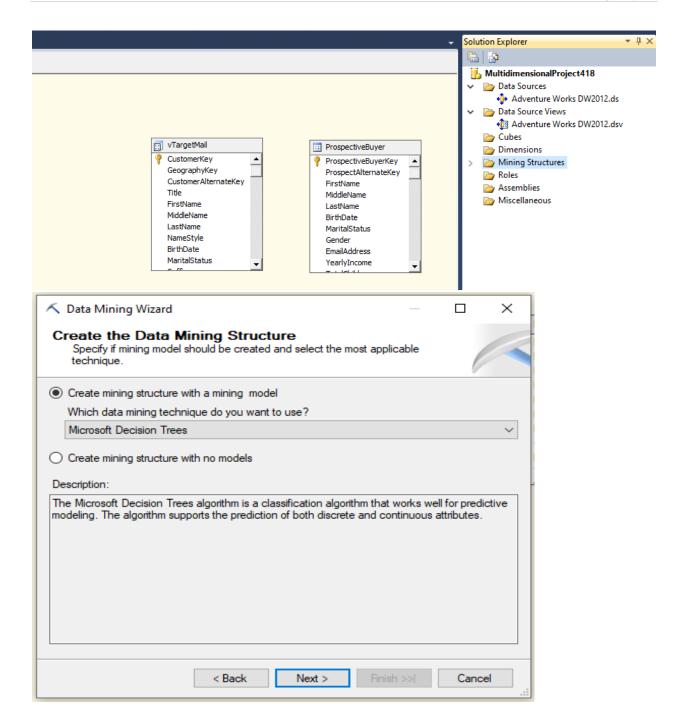


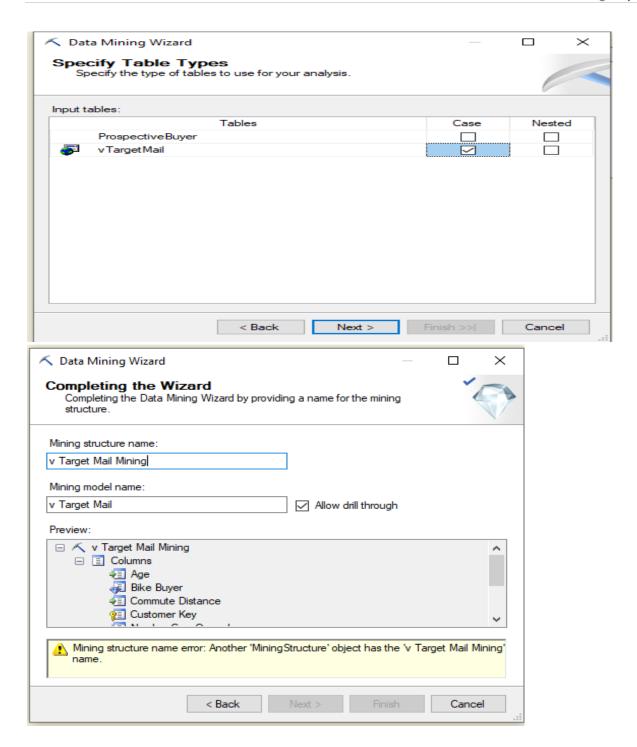


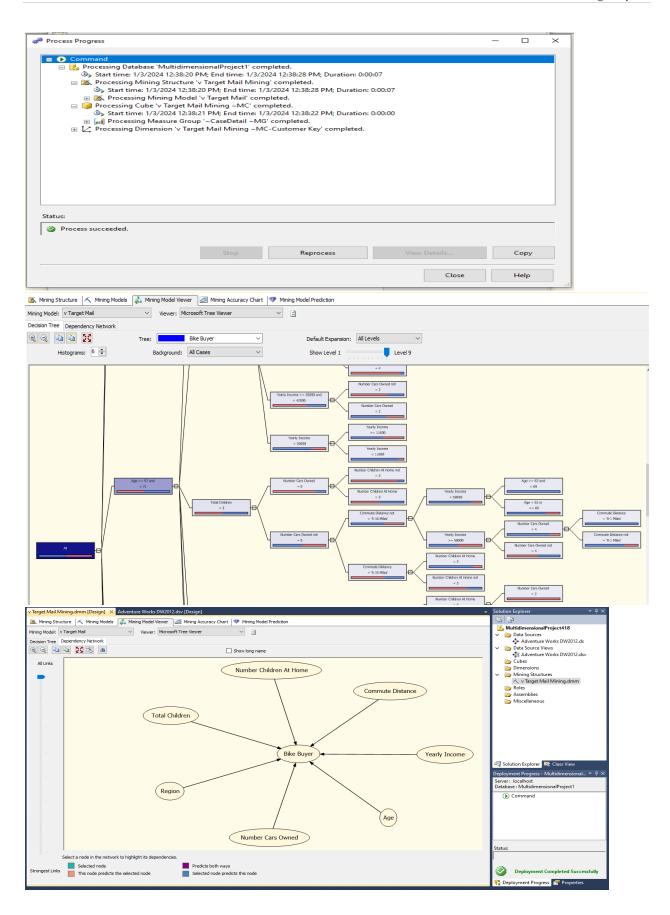
Practical 07:

Perform the data classification using classification algorithm.



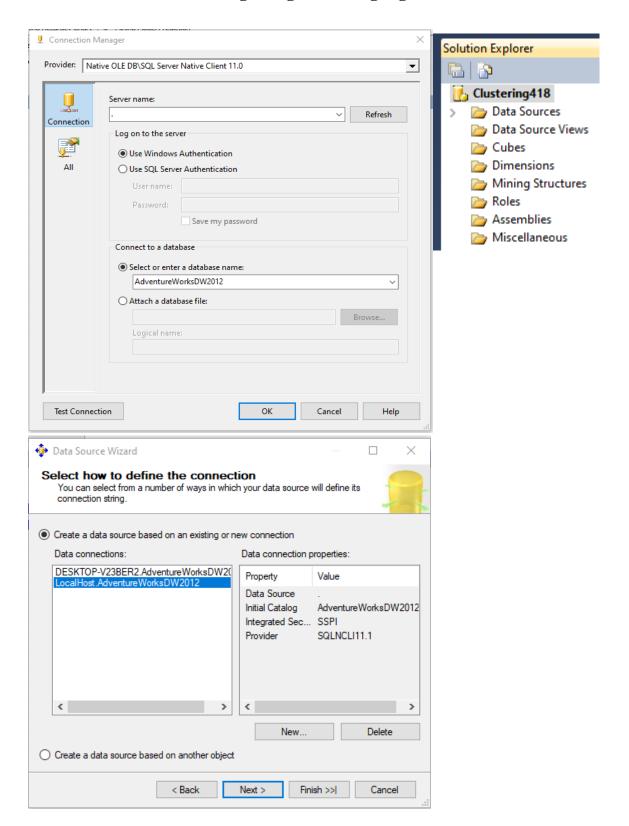


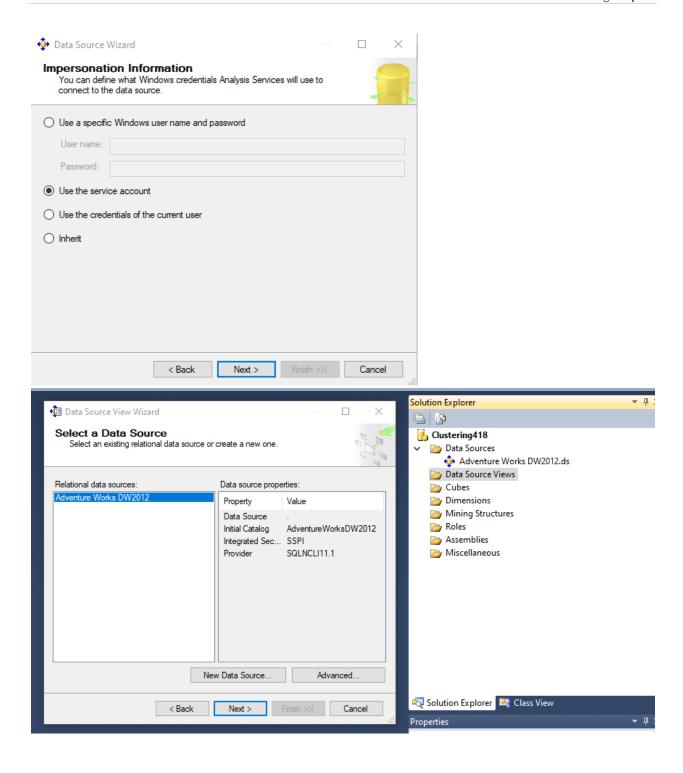


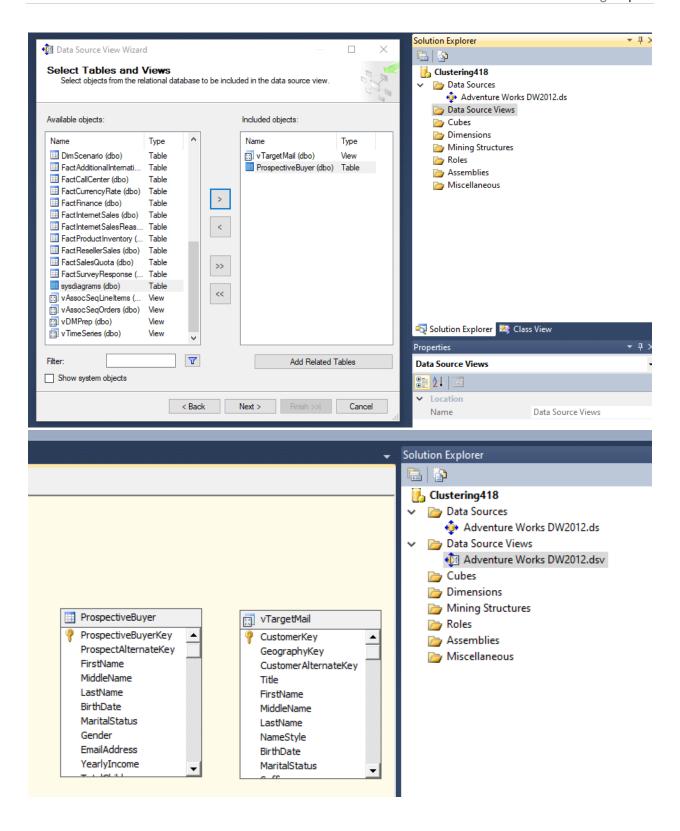


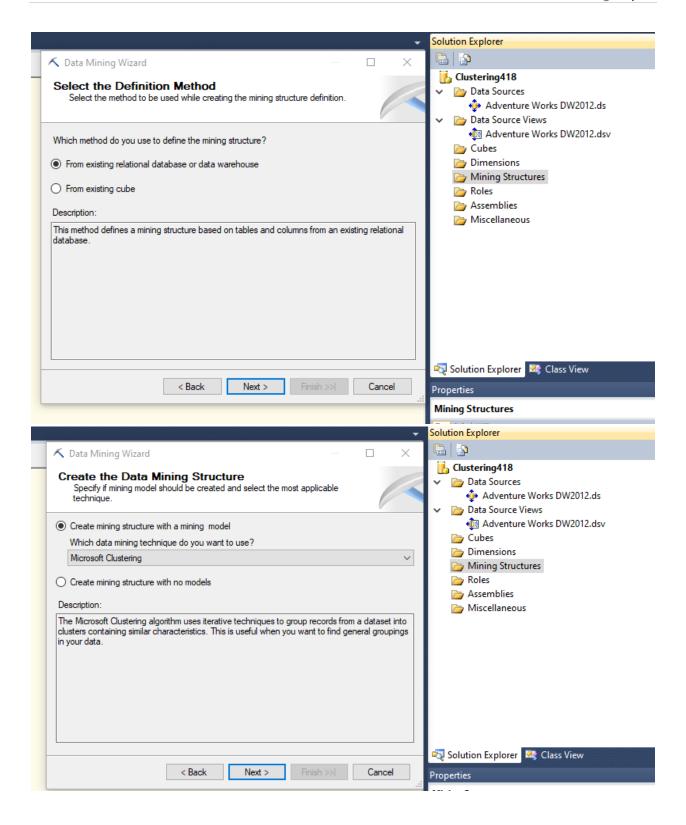
Practical 08:

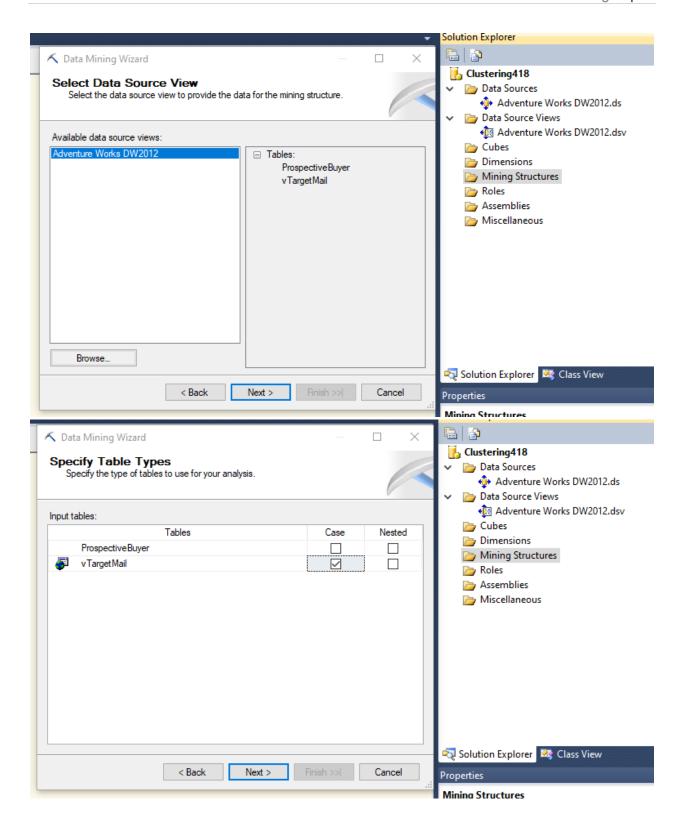
Perform the data clustering using clustering algorithm.

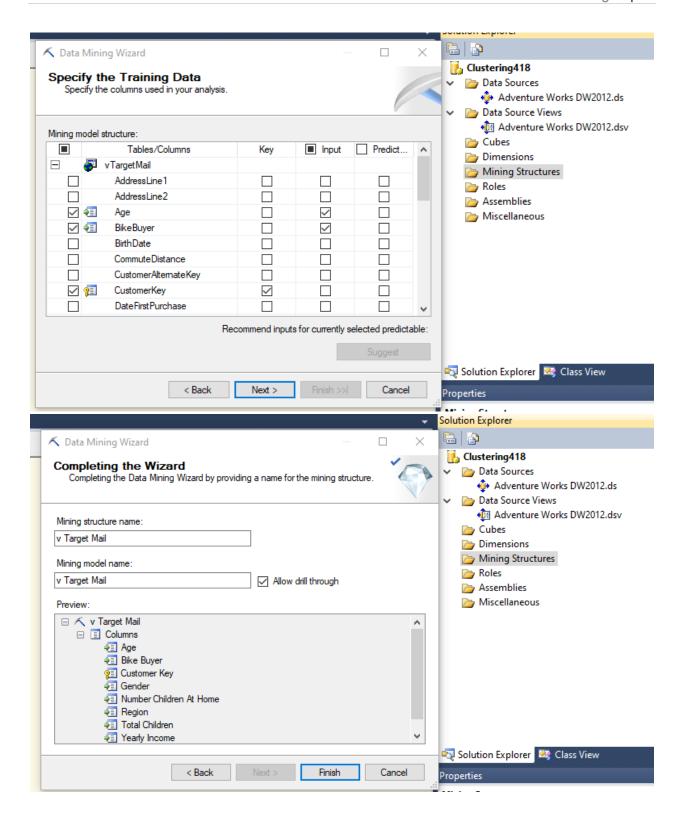


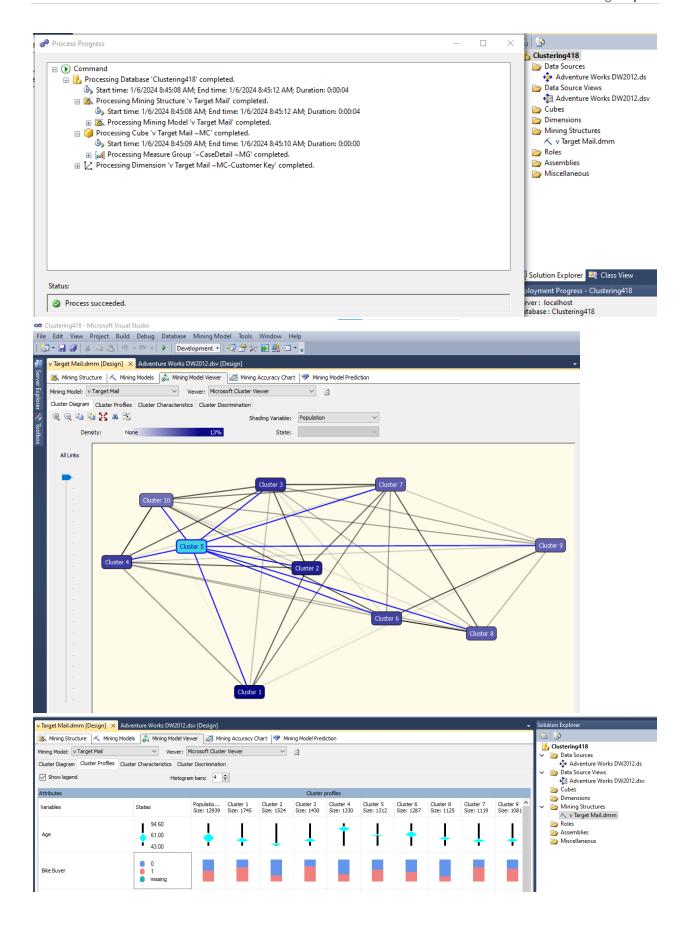


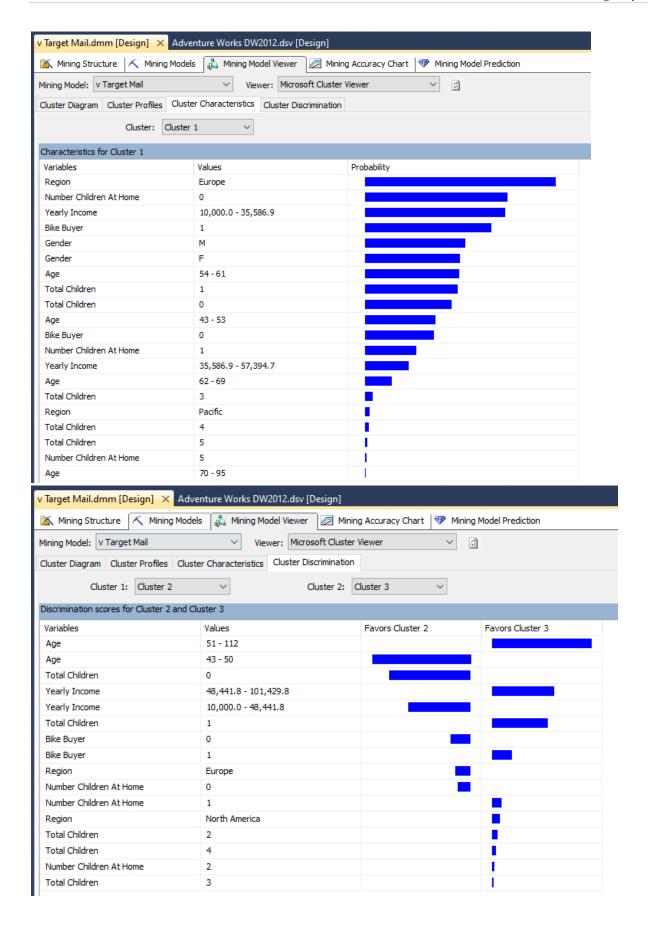






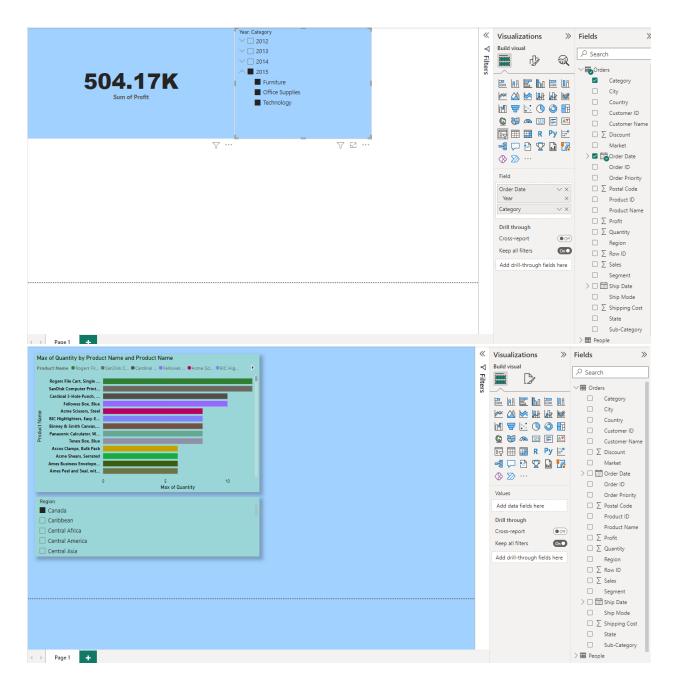






Practical 09:

Data visualization using power BI (Use of visualization tools like Card, Donut, chart, stacked chart, tree map etc.)



Practical 10:

Perform the Naive Bayes Algorithm.

