

ASSIGNMENT – 4

Title: - Import the data warehouse data

Problem Statement: - Import the data warehouse data in Microsoft Excel and create the Pivot table and Pivot Chart.

Objectives: - To import the data warehouse data in Microsoft Excel.

- To create the Pivot table and Pivot Chart.

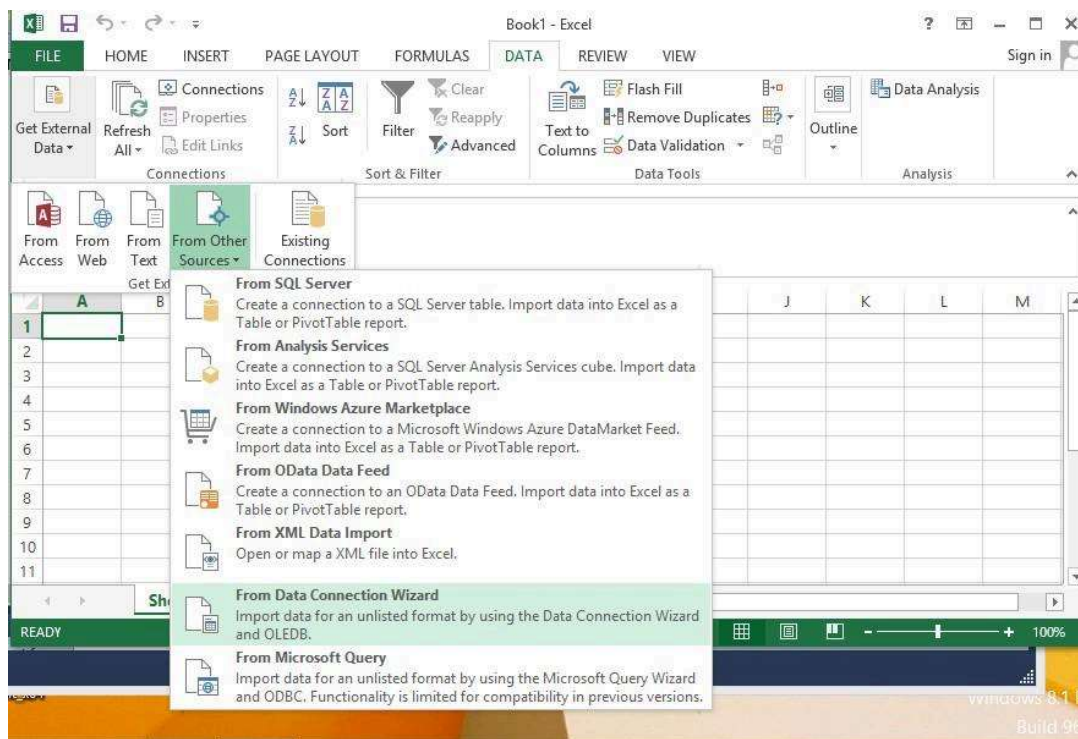
Outcome: -

- Creation of Pivot table and Pivot Chart by importing data warehouse data in Microsoft Excel.

Theory: -

Step 1: Open Excel 2013 (Professional)

Go to Data tab à Get External Data à From Other Sources à From Data Connection Wizard



Step 2: In Data Connection Wizard à Select Microsoft SQL Server à Click on Next



Step 3: In connect to Database Server provide Server name(Microsoft SQL Server Name)

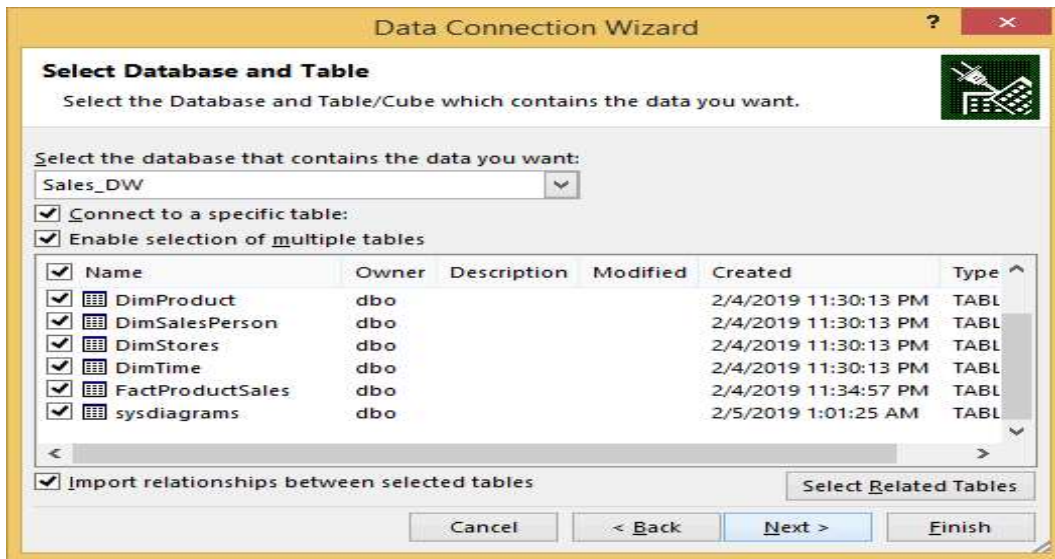
Provide password for sa account as given during installation of SQL Server 2012 full version)

Password: admin123

Click on Next



Step 4: In Select Database and Tableà Select Sales_DW (already created in SQL) à check all dimensions and import relationships between selected tables



Data Connection Wizard

Select Database and Table
Select the Database and Table/Cube which contains the data you want.

Select the database that contains the data you want:
Sales_DW

☒ Connect to a specific table:
☒ Enable selection of multiple tables

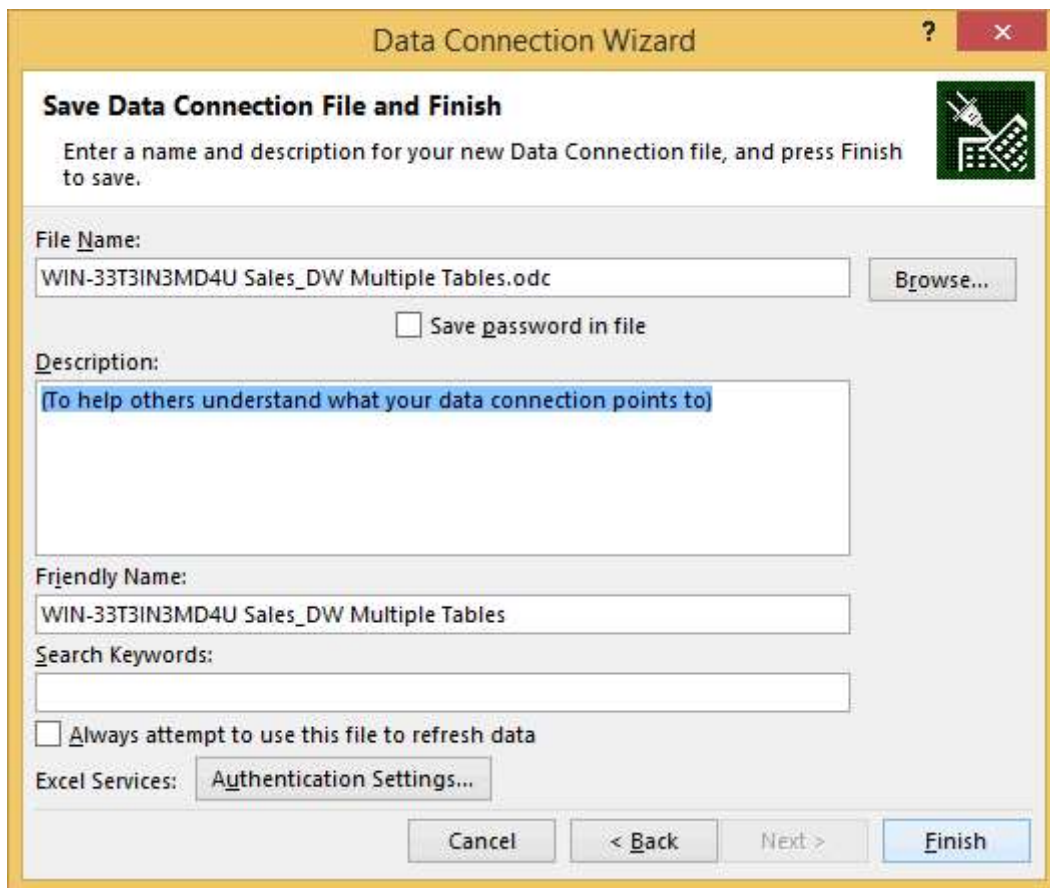
<input checked="" type="checkbox"/>	Name	Owner	Description	Modified	Created	Type
<input checked="" type="checkbox"/>	DimProduct	dbo			2/4/2019 11:30:13 PM	TABL
<input checked="" type="checkbox"/>	DimSalesPerson	dbo			2/4/2019 11:30:13 PM	TABL
<input checked="" type="checkbox"/>	DimStores	dbo			2/4/2019 11:30:13 PM	TABL
<input checked="" type="checkbox"/>	DimTime	dbo			2/4/2019 11:30:13 PM	TABL
<input checked="" type="checkbox"/>	FactProductSales	dbo			2/4/2019 11:34:57 PM	TABL
<input checked="" type="checkbox"/>	sysdiagrams	dbo			2/5/2019 1:01:25 AM	TABL

☒ Import relationships between selected tables

Select Related Tables

Cancel < Back Next > Finish

Step 5: In save data connection files browse path and click on Finish



Data Connection Wizard

Save Data Connection File and Finish
Enter a name and description for your new Data Connection file, and press Finish to save.

File Name:
WIN-33T3IN3MD4U Sales_DW Multiple Tables.odc Browse...

☐ Save password in file

Description:
(To help others understand what your data connection points to)

Friendly Name:
WIN-33T3IN3MD4U Sales_DW Multiple Tables

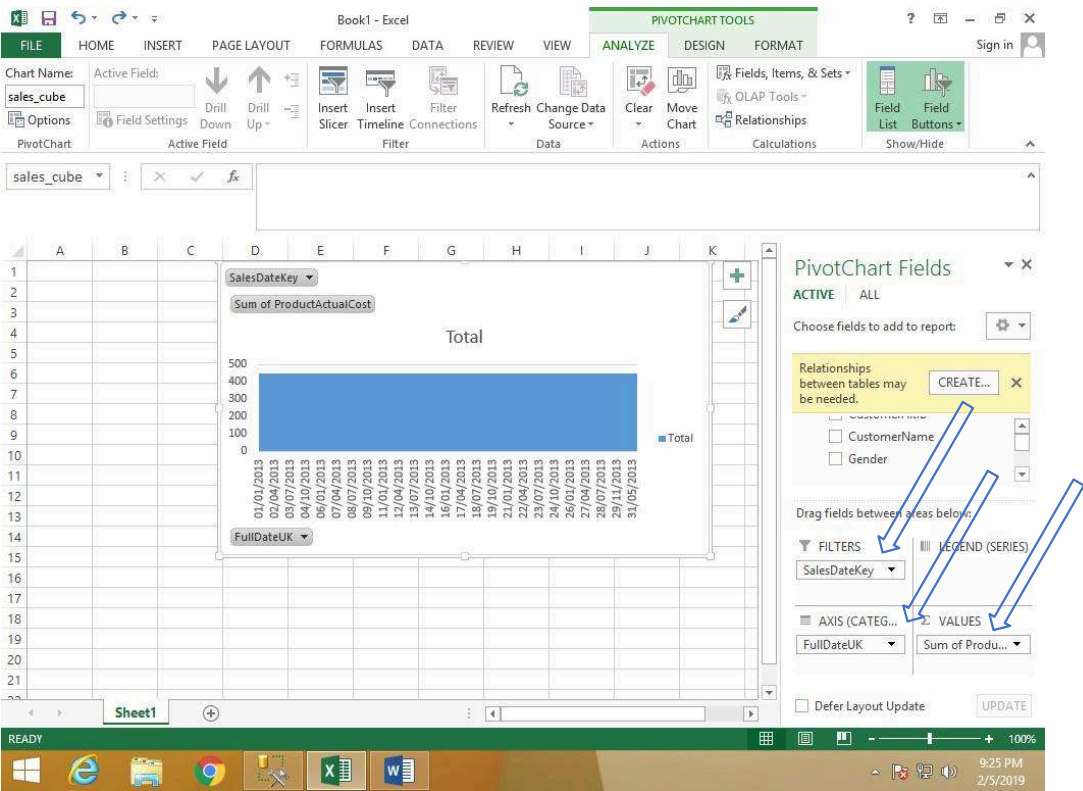
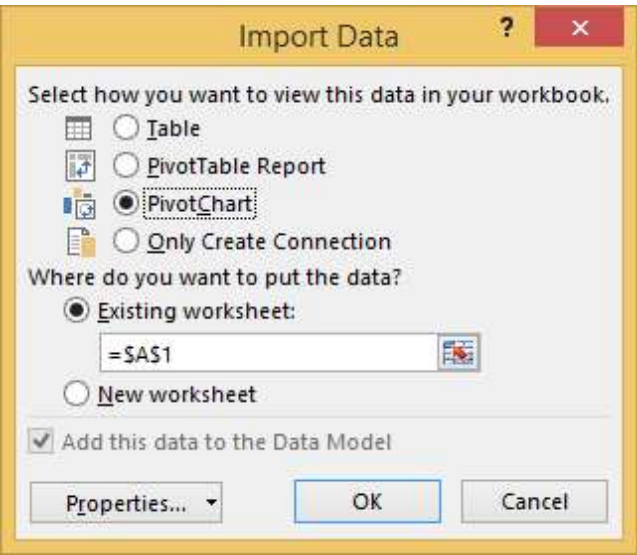
Search Keywords:

☐ Always attempt to use this file to refresh data

Excel Services: Authentication Settings...

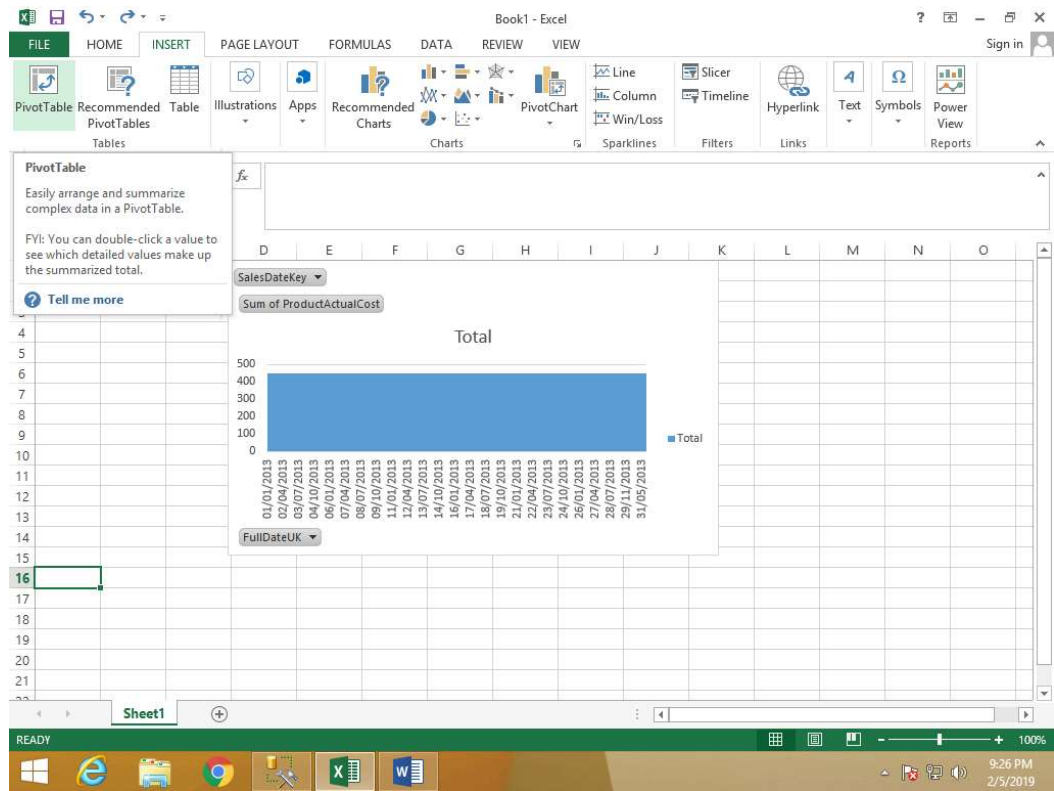
Cancel < Back Next > Finish

Step 6: In import data select Pivot Chart and click on OK



Step 7: In fields put SalesDateKey in filters, FullDateUK in axis and Sum of ProductActualCost in values

Step 8: In Insert Tab à go to Pivot Table



Step 9: Click on Choose Connection to select existing connection with Sales_DW and click on open

Create PivotTable

Choose the data that you want to analyze

☐ Select a table or range

Table/Range:

☒ Use an external data source

Choose Connection...

Connection name: WIN-33T3IN3MD4U Sales_DW Multiple Tabl

Choose where you want the PivotTable report to be placed

☐ New Worksheet

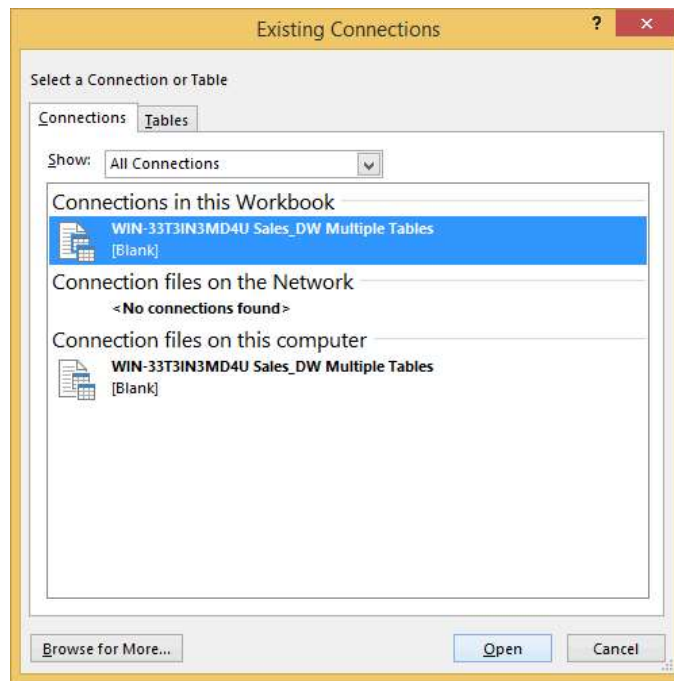
☒ Existing Worksheet

Location:

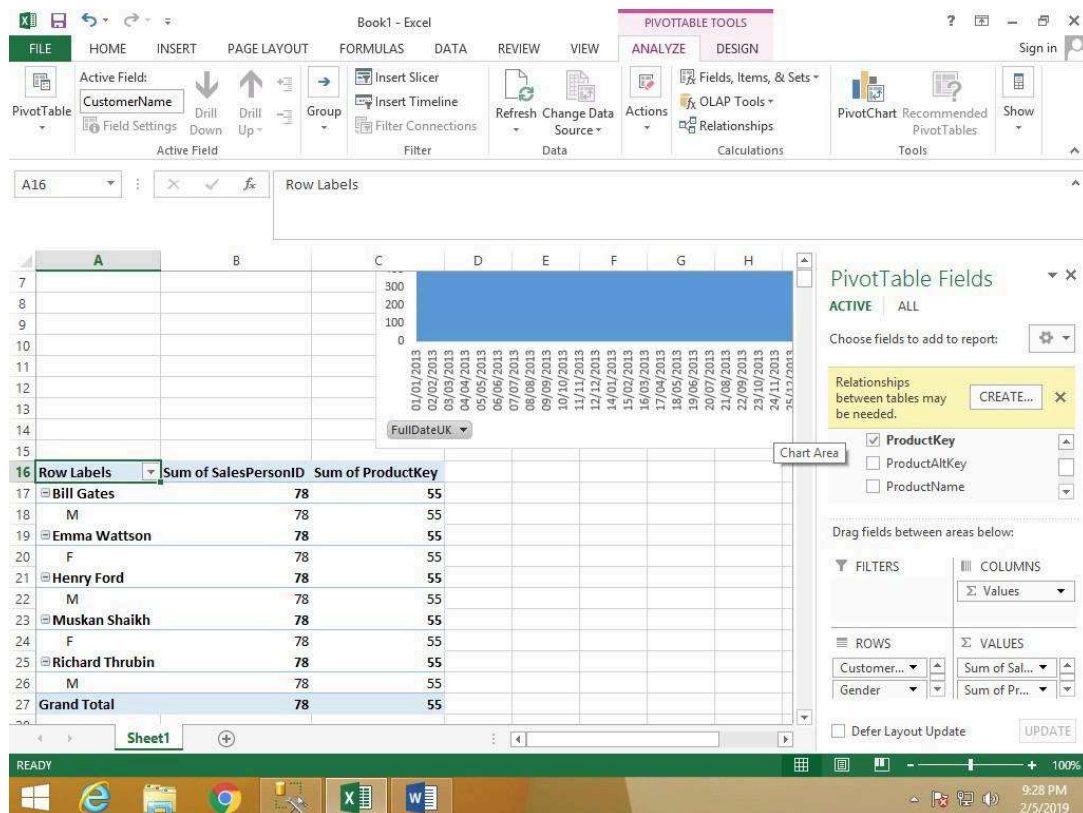
Choose whether you want to analyze multiple tables

☒ Add this data to the Data Model

OK Cancel



- Pivot table and Pivot chart is created



Conclusion: We are able to Import the data warehouse data in Microsoft Excel and create the Pivot table and Pivot Chart.