

Practical No.5

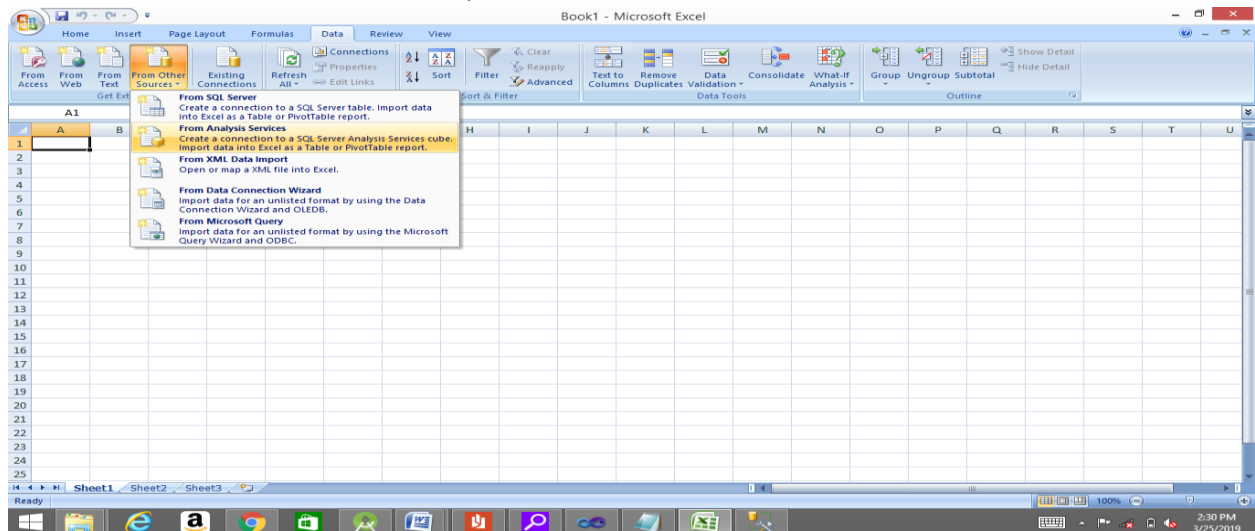
- a. Import the data warehouse data in Microsoft Excel and create the Pivot table and Pivot Chart.
- b. Import the cube in Microsoft Excel and create the Pivot table and Pivot Chart to Perform data analysis.

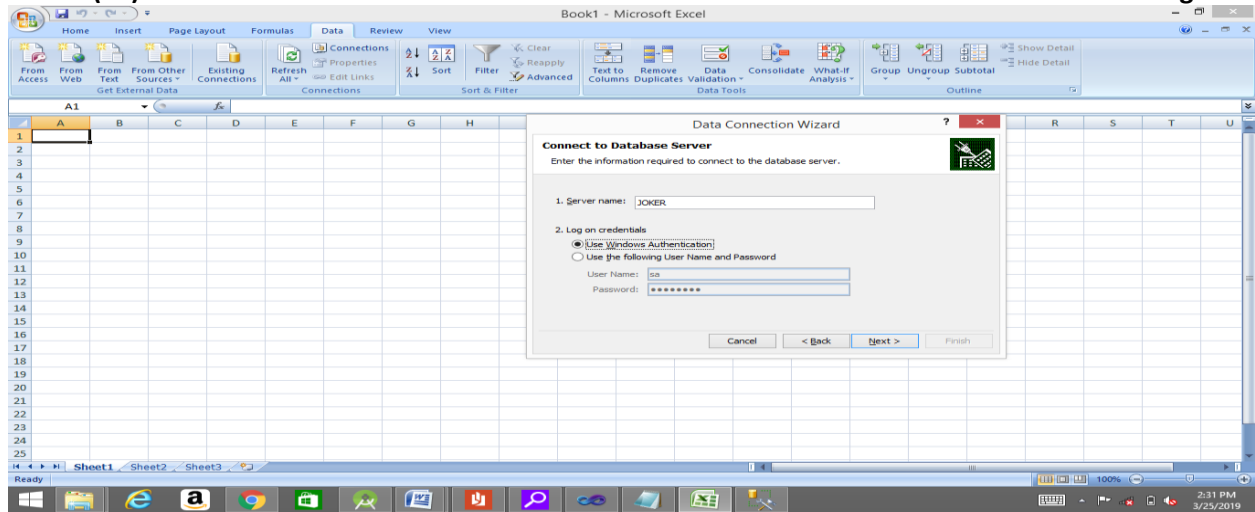
a. Import the data warehouse data in Microsoft Excel and create the Pivot table and Pivot Chart.

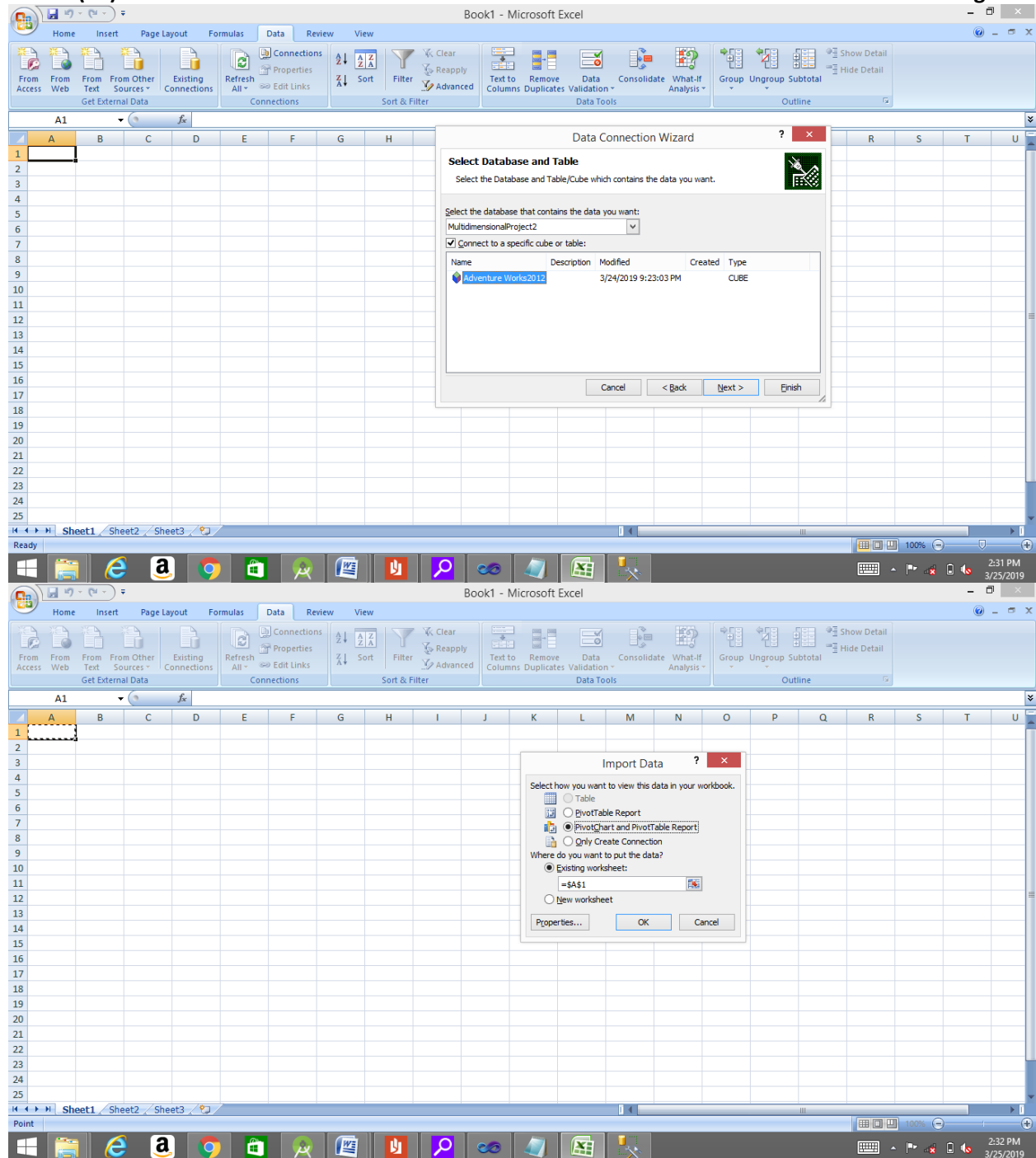
Pivot Tables

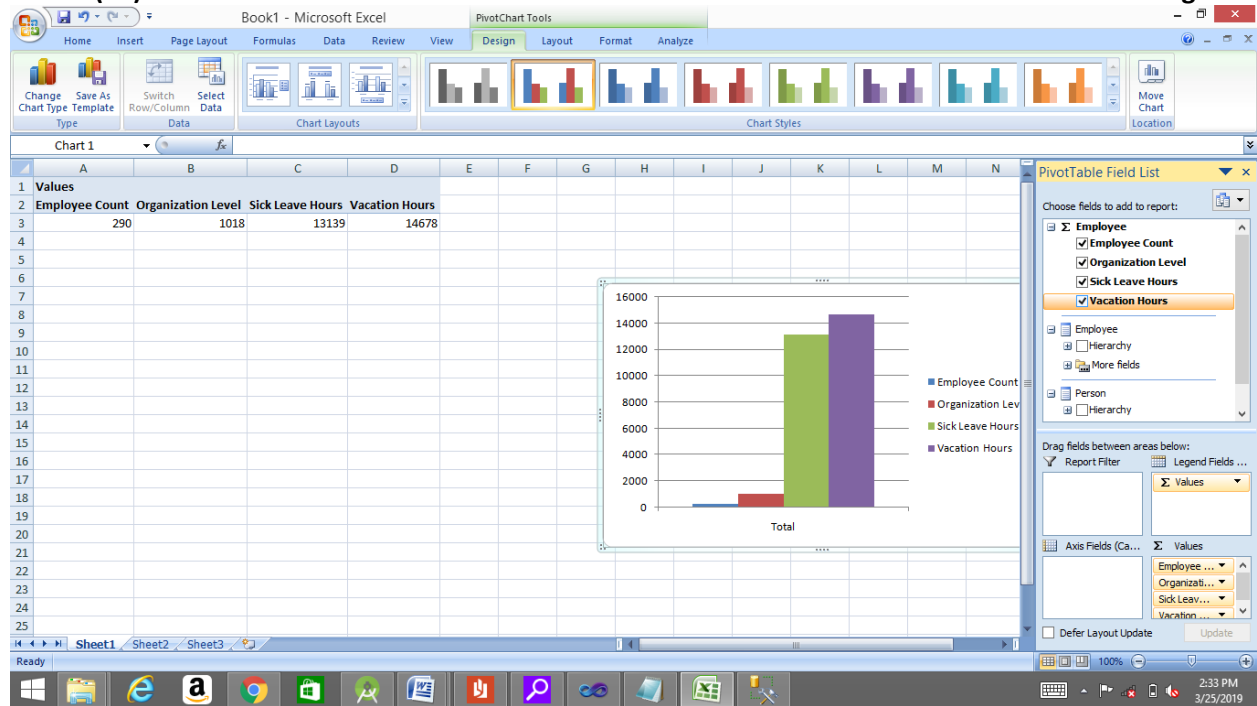
- **Pivot Tables** allow you to create a powerful view with data summarized in a grid, both in horizontal and vertical columns (also known as Matrix Views or Cross Tabs)
- A pivot chart is the visual representation of a pivot table in Excel. Pivot charts and pivot tables are connected with each other.

To create Pivot table and Pivot Chart Open Microsoft Excel









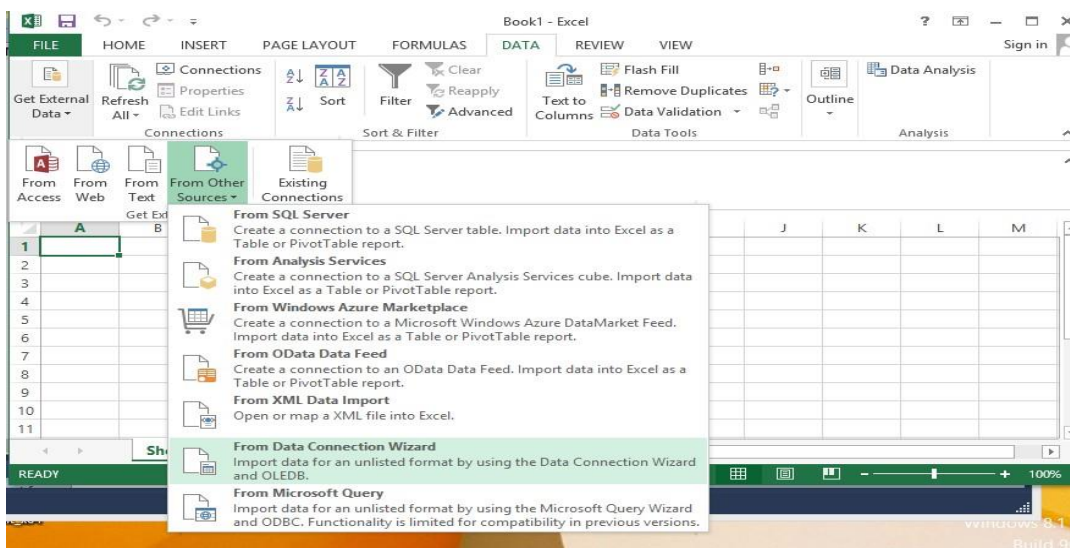
b. Import the cube in Microsoft Excel and create the Pivot table and Pivot Chart to Perform data analysis.

Import the datawarehouse data in Microsoft Excel and create the Pivot table and Pivot Chart

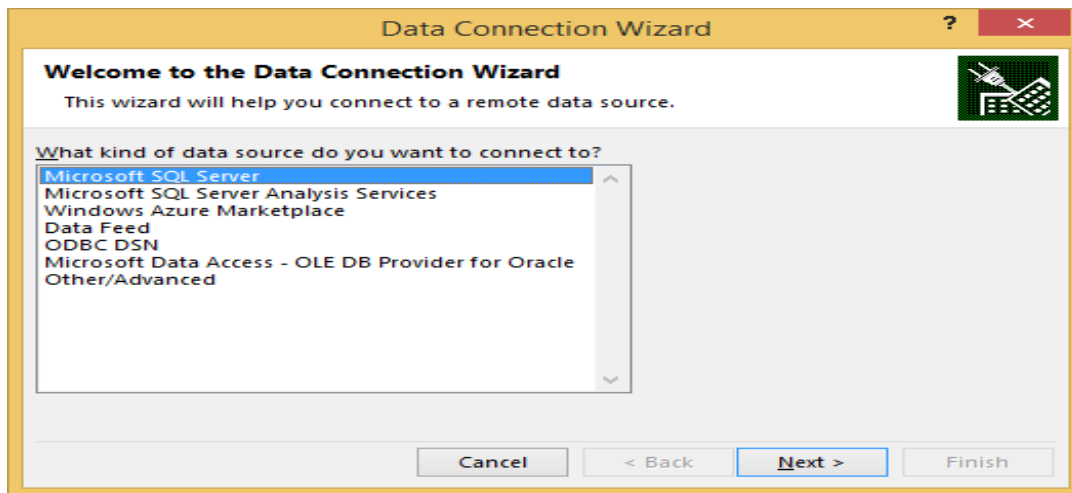
(Ms Office Professional is used to make sure Power View is enabled for visualization.)

Step 1: Open Excel 2013 (Professional)

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



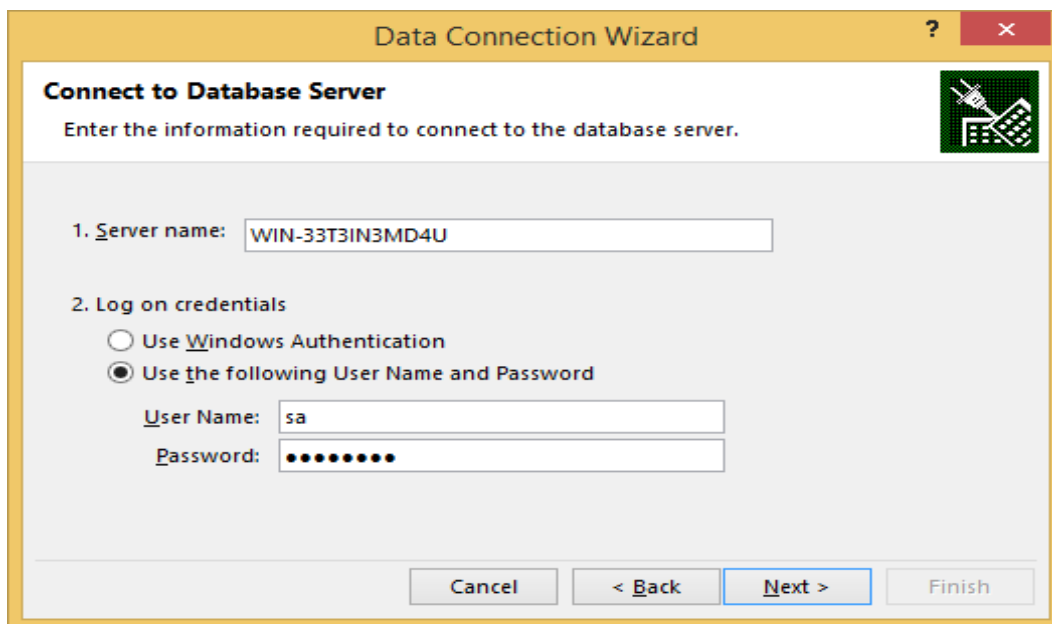
Step 2: In Data Connection Wizard → Select Microsoft SQL Server → Click on Next



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 Table→ Select Sales_DW (already created in SQL) → 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

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

☐ Save password in file

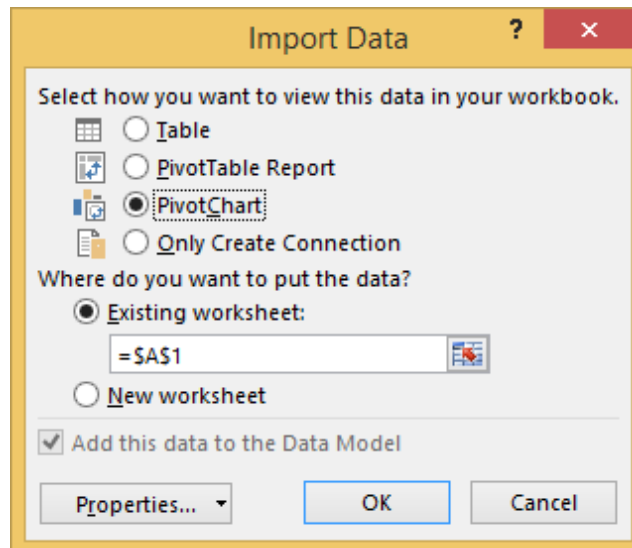
Description:
(To help others understand what your data connection points to)

Friendly Name:
WIN-33T3IN3MD4U Sales_DW Multiple Tables

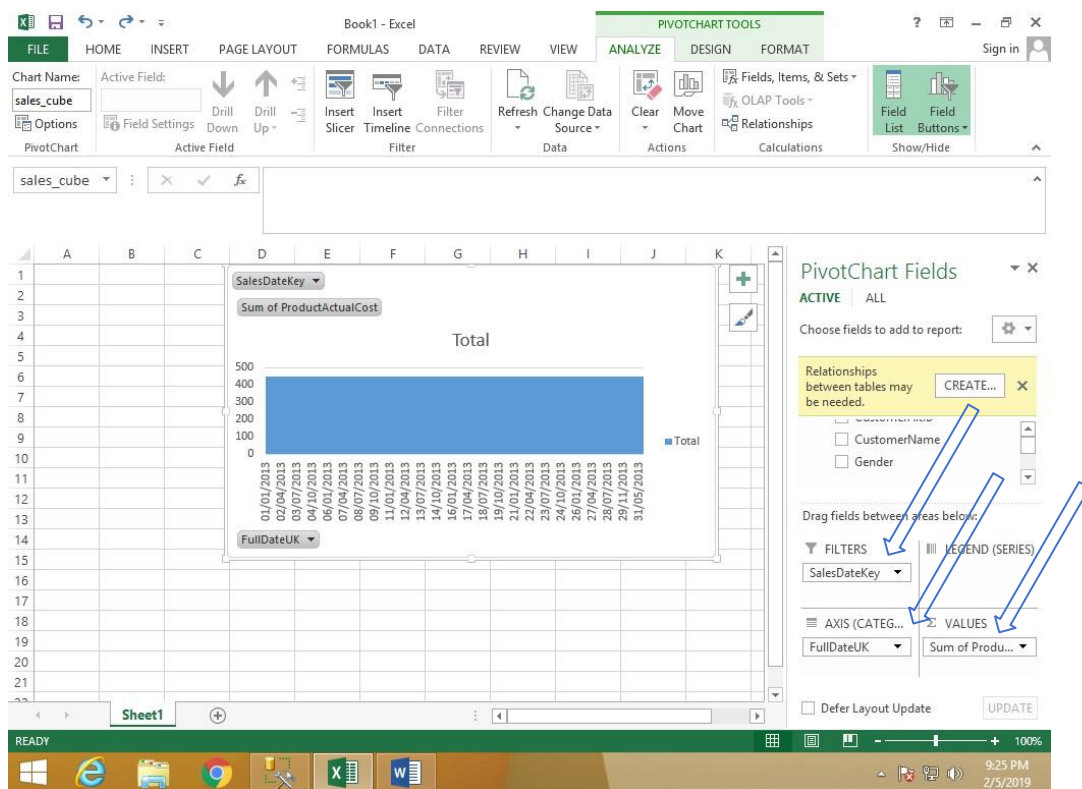
Search Keywords:

☐ Always attempt to use this file to refresh data

Excel Services:



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



Step 8: In Insert Tab → go to Pivot Table

