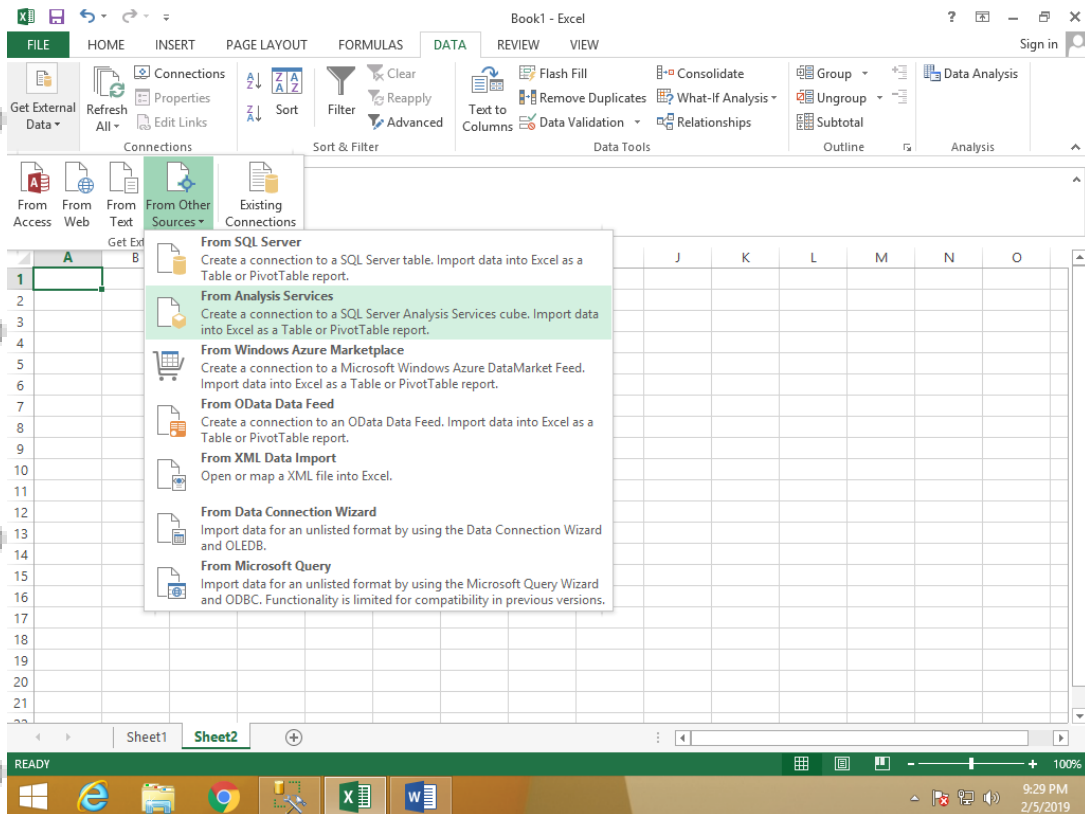


## PRACTICAL 5 b

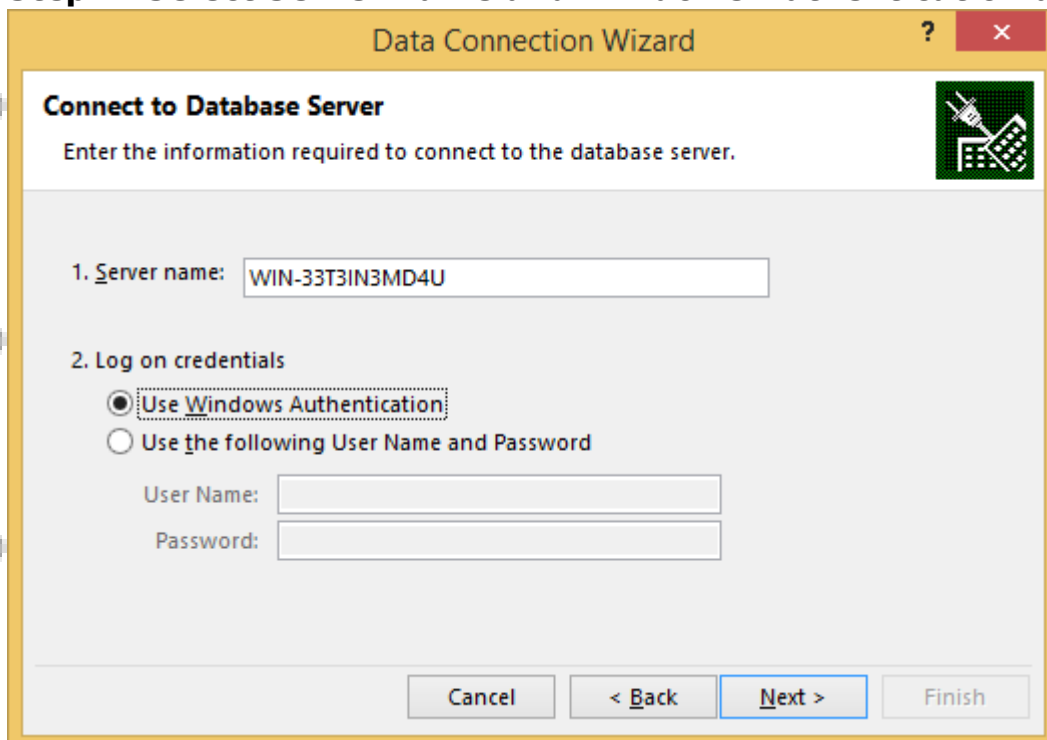
**Import the cube in Microsoft Excel and create the Pivot table and Pivot Chart to perform data analysis.**

### Step 1: Open Excel 2013 (Professional)

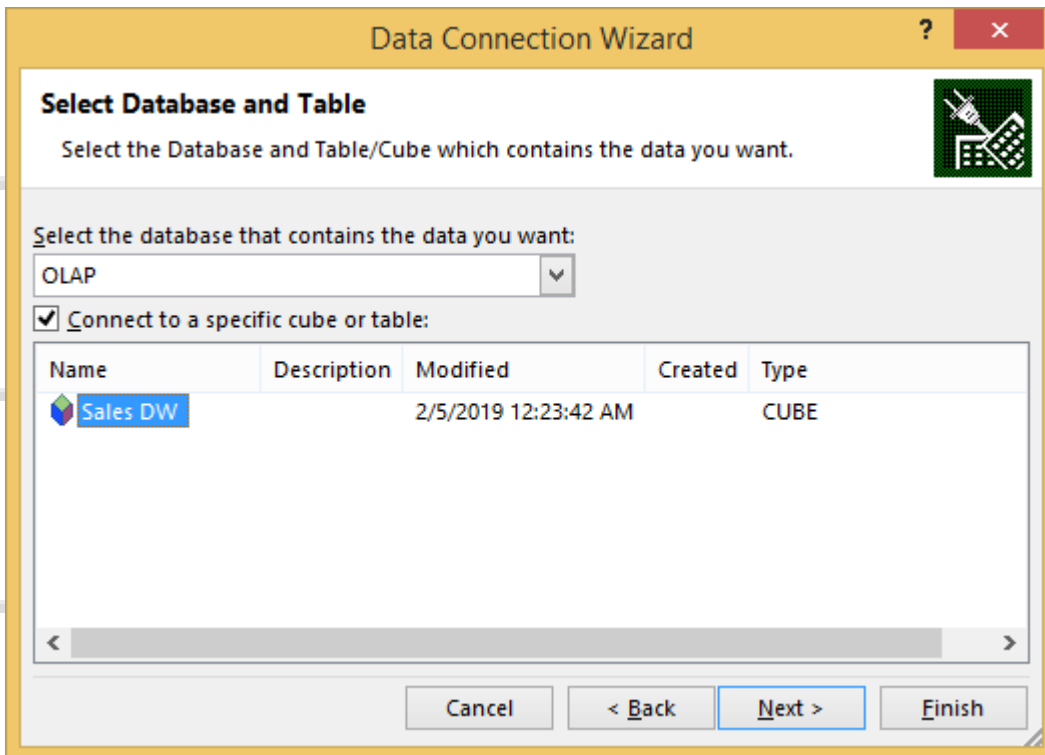
**Go to Data tab → Get External Data → From Other Sources → From Analysis Services**



### Step 2: Select Server name and Windows Authentication and click on Next



**Step 3: Select OLAP(as per created before) click on Next**

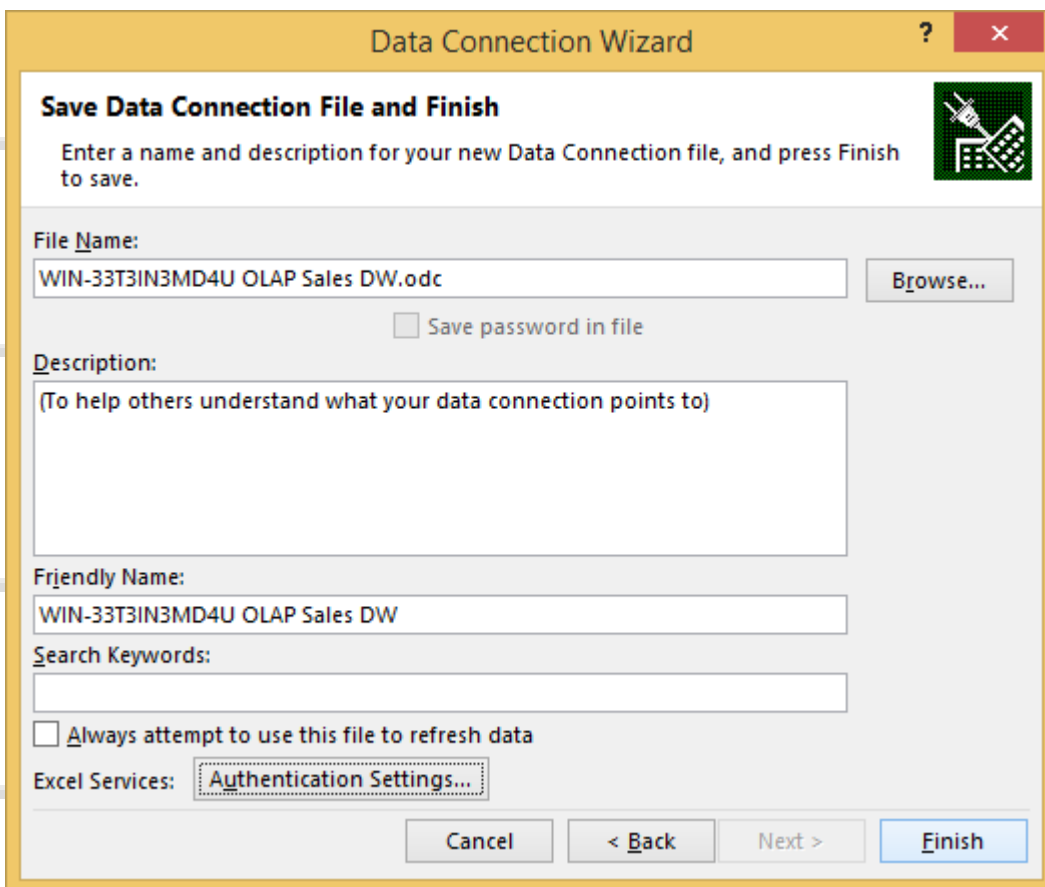


The screenshot shows the 'Data Connection Wizard' window at the 'Select Database and Table' step. The title bar reads 'Data Connection Wizard'. The main heading is 'Select Database and Table' with a sub-instruction: 'Select the Database and Table/Cube which contains the data you want.' Below this, there is a dropdown menu for 'Select the database that contains the data you want:' with 'OLAP' selected. A checked checkbox labeled 'Connect to a specific cube or table:' is present. A table lists available cubes:

Name	Description	Modified	Created	Type
Sales DW		2/5/2019 12:23:42 AM		CUBE

At the bottom, there are four buttons: 'Cancel', '< Back', 'Next >', and 'Finish'. The 'Next >' button is highlighted with a blue border.

**Step 4: Browse and select path name and click on Finish**



The screenshot shows the 'Data Connection Wizard' window at the 'Save Data Connection File and Finish' step. The title bar reads 'Data Connection Wizard'. The main heading is 'Save Data Connection File and Finish' with a sub-instruction: 'Enter a name and description for your new Data Connection file, and press Finish to save.' Below this, there are several input fields and checkboxes:

- File Name:** A text box containing 'WIN-33T3IN3MD4U OLAP Sales DW.odc' and a 'Browse...' button.
- Save password in file
- Description:** A text box with the placeholder '(To help others understand what your data connection points to)'. It is currently empty.
- Friendly Name:** A text box containing 'WIN-33T3IN3MD4U OLAP Sales DW'.
- Search Keywords:** An empty text box.
- Always attempt to use this file to refresh data
- Excel Services:** A button labeled 'Authentication Settings...'.

At the bottom, there are four buttons: 'Cancel', '< Back', 'Next >', and 'Finish'. The 'Finish' button is highlighted with a blue border.

## Step 5: Select PivotTableReport → OK

Import Data

Select how you want to view this data in your workbook.

Table

PivotTable Report

PivotChart

Only Create Connection

Where do you want to put the data?

Existing worksheet:

=SAS1

New worksheet

Add this data to the Data Model

Properties... OK Cancel

## Step 6: Drag and Drop Fields in rows column and values

Book1 - Excel

PivotTable Tools: Analyze, Design

PivotTable Fields

Choose fields to add to report:

- Dim Sales Person
  - Sales Person ID
- Dim Stores
  - Store ID
- Dim Time
  - Time Key

Drag fields between areas below:

FILTERS

COLUMNS: Time Key

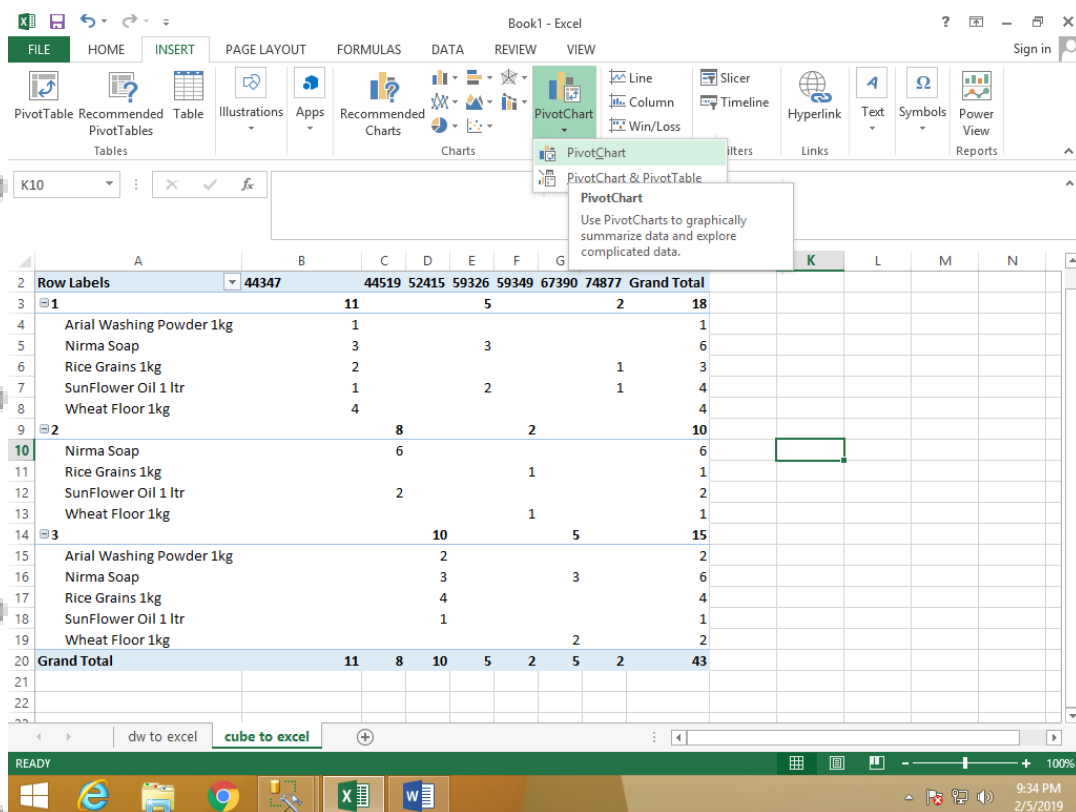
ROWS: Customer..., Product ...

VALUES: Quantity

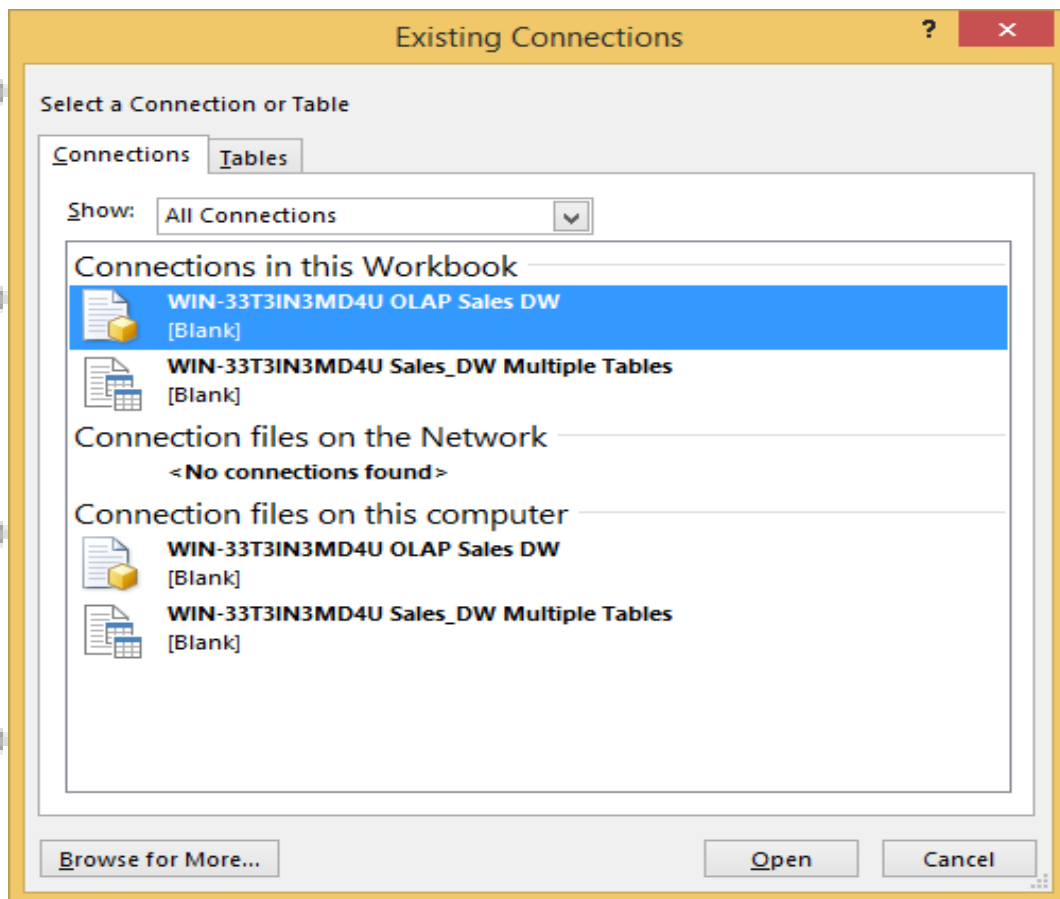
Defer Layout Update

Quantity	Column Labels									
Row Labels	44347	44519	52415	59326	59349	67390	74877	Grand Total		
1	11			5			2	18		
Arial Washing Powder 1kg	1							1		
Nirma Soap	3			3				6		
Rice Grains 1kg	2						1	3		
SunFlower Oil 1 Itr	1			2			1	4		
Wheat Floor 1kg	4							4		
2	8					2		10		
Nirma Soap	6							6		
Rice Grains 1kg						1		1		
SunFlower Oil 1 Itr				2				2		
Wheat Floor 1kg						1		1		
3	10					5		15		
Arial Washing Powder 1kg	2							2		
Nirma Soap	3					3		6		
Rice Grains 1kg	4							4		
SunFlower Oil 1 Itr	1							1		
Wheat Floor 1kg						2		2		
Grand Total	11	8	10	5	2	5	2	43		

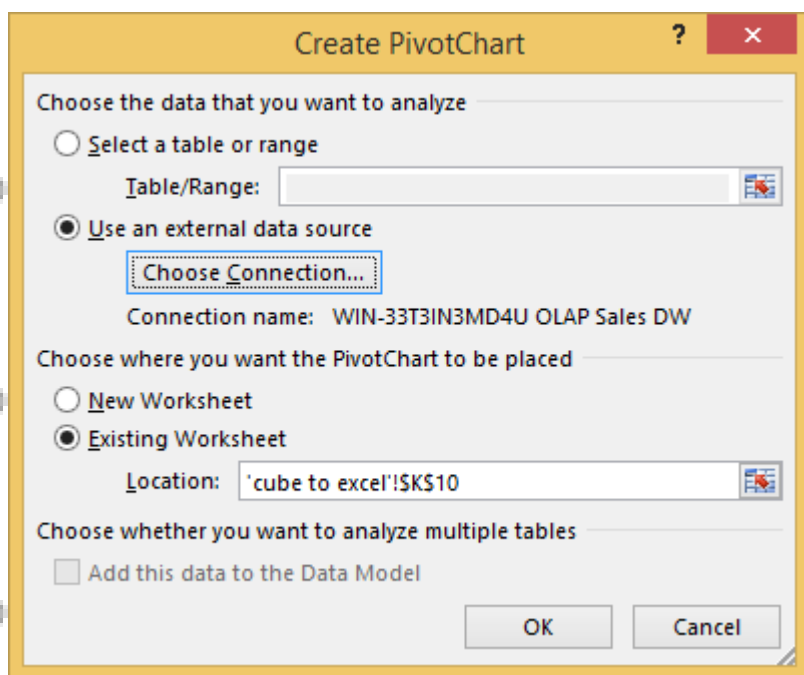
**Step 7: Go to Insert tab → pivot chart and select Pivot Chart from drop down**



**Step 8: Select existing connection OLAP Sales DW and click on Open**



## Step 9: Click on Choose connection to select path



## Step 10: Click on OK

The screenshot shows the Excel interface with a PivotChart and the PivotChart Fields task pane. The PivotChart displays 'Product Actual Cost' for different 'Sales Person ID' categories. The PivotChart Fields task pane shows 'Sales Person ID' and 'Time Key' in the Filters area, and 'Deviation' and 'Product Actual Cost' in the Values area. Blue arrows point to the 'Values' field in the legend and the 'Product Actual Cost' field in the values area.

Row Labels	44347	44519	52415	59326	59349	67390	74877	Grand Total
1	11			5			2	18
Arial Washing Powder 1kg	1							1
Nirma Soap	3			3				6
Rice Grains 1kg								
SunFlower Oil 1 ltr								
Wheat Floor 1kg								
2								
Nirma Soap								
Rice Grains 1kg								
SunFlower Oil 1 ltr								
Wheat Floor 1kg								
3								
Arial Washing Powder 1kg								
Nirma Soap								
Rice Grains 1kg								
SunFlower Oil 1 ltr								
Wheat Floor 1kg								
Grand Total	11	0	10	3	2	3	2	40