**Subject: Data Warehousing and Data Mining** 

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Roll no: 35

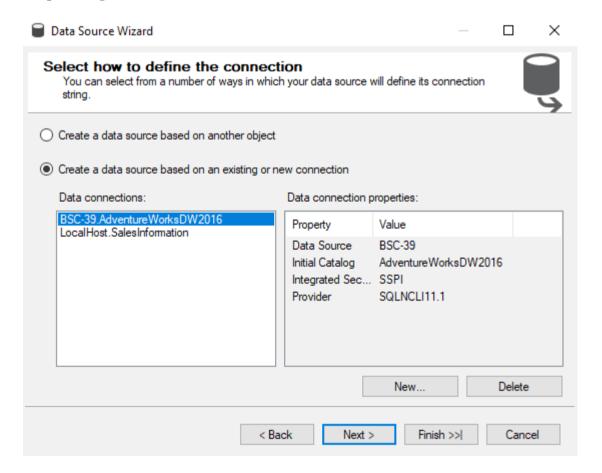
## **Practical 1**

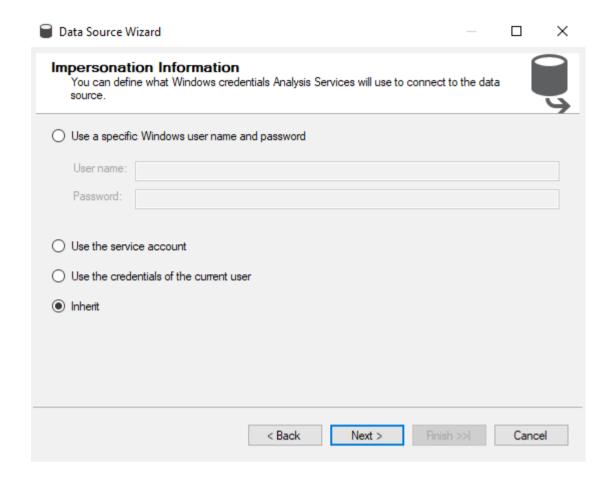
## Aim: Perform Analysis on Adventure Work Dataset using Microsoft Excel and Visual Studio 2019.

Step 1: Open Application -> Visual Studio 2019 -> Create Project -> Analysis services multidimensional and data mining project -> Create



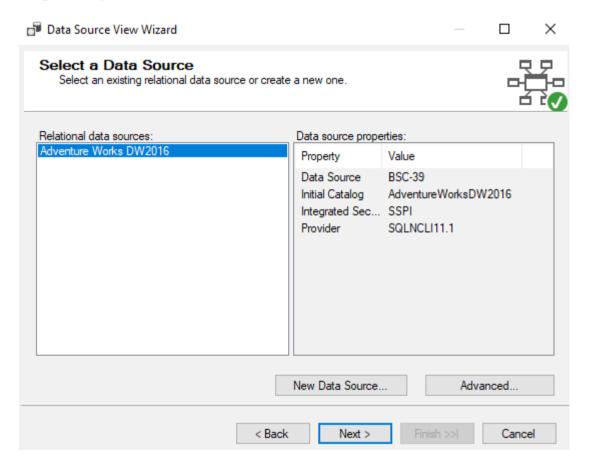
Step 2: Right Click on Data Sources -> New Data Source



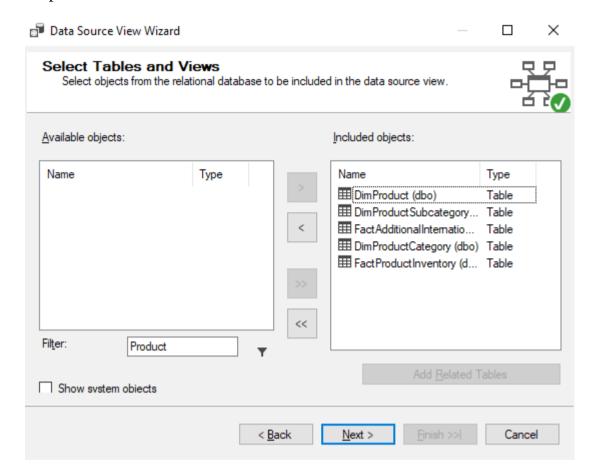


Step 3: Click on Next . Choose "Inherit" option.

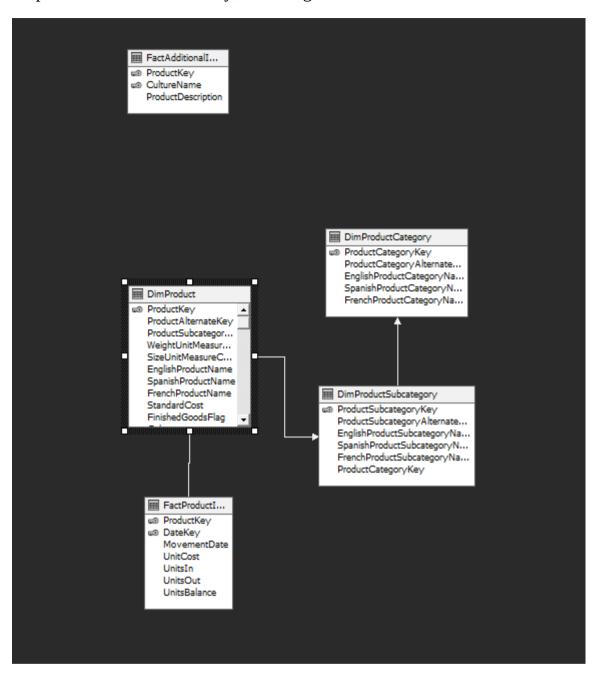
Step 4: Right click on Data Source View -> New Data Source View



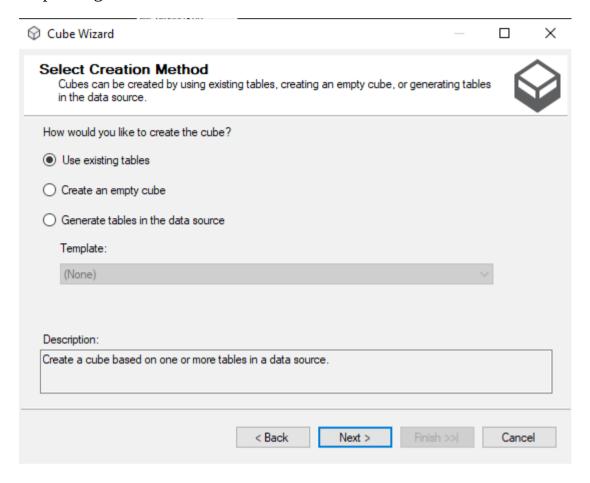
Step 5: Click on Next -> Use filter "Product". Select Tables and Views. ->



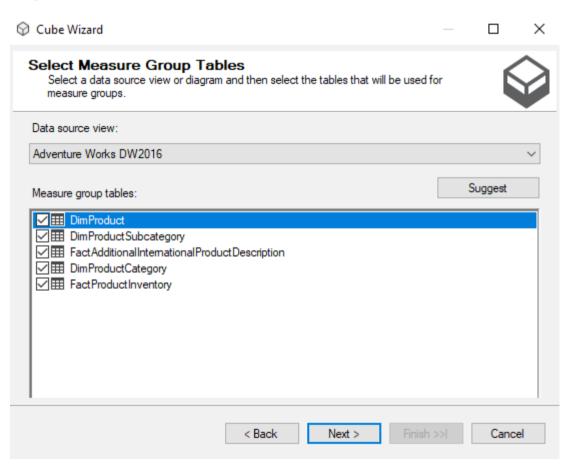
Step 6: Next & Finish Finally, we will get the Data Source View like



Step 7: Right click on Cubes -> New Cube.

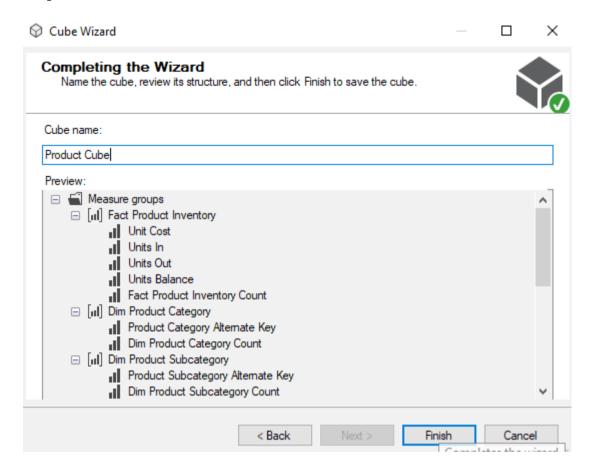


Step 8: Click Next

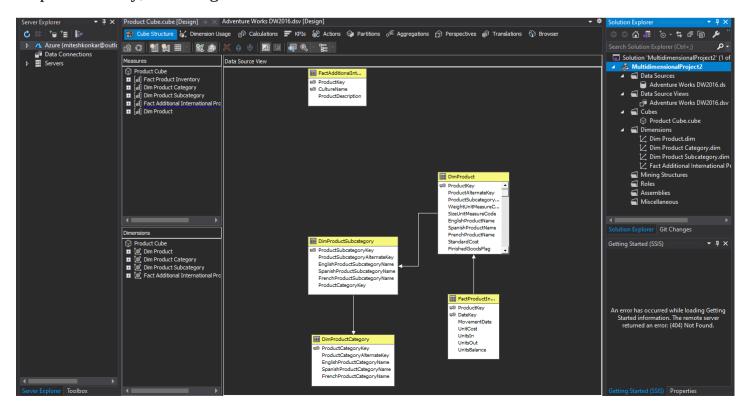


Step 9: Select Data Source View as "Sales Product" and Select all the tables.

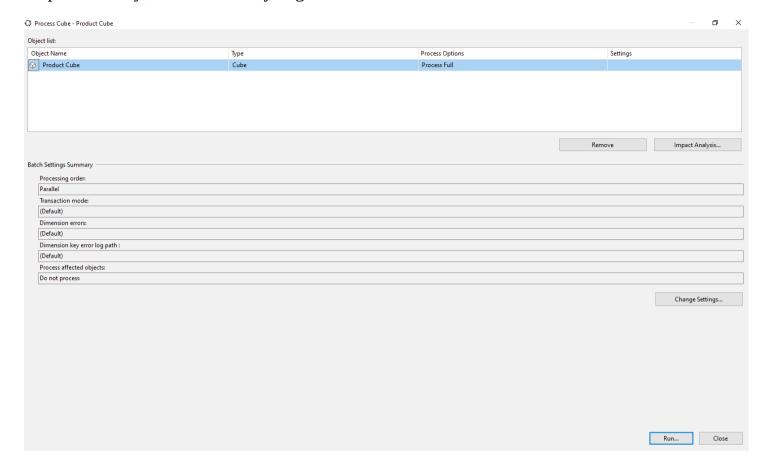
Step 10: Next > Next > Name the Cube > Finish



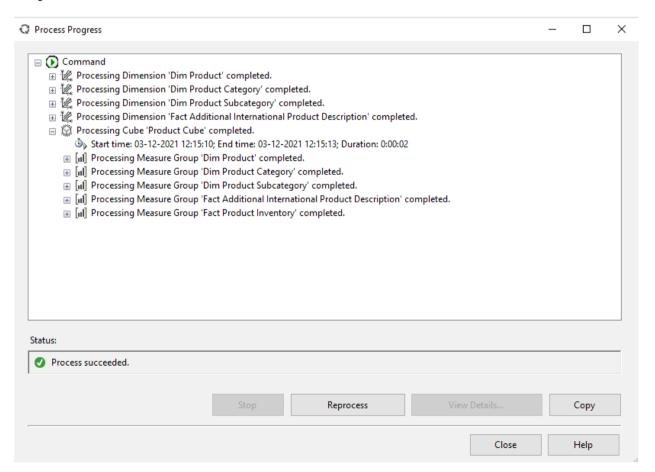
Step 11: Finally, we will get the Cube View as well Dimensions View like:



Step 12: Finally, Process cube by Right click on ProductCube -> Process.



## Step 13: Click on Run.

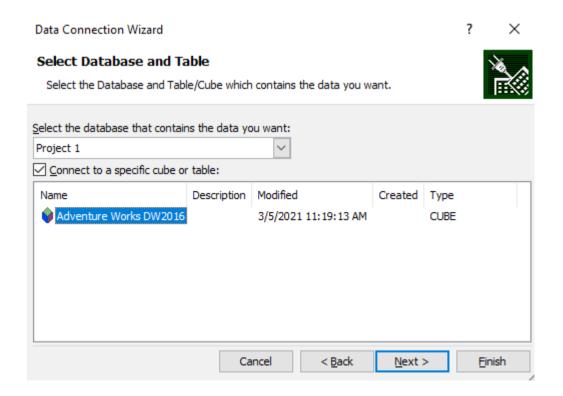


- Step 14: Open MS-Excel. Click on Data Menu.
- Step 15: Go to From Other Sources.

Step 16: From SQL Server -> Type Server name as "."

Data Connection Wizard					?	×
Connect to Database Server  Enter the information required to connect to the database server.						
1. <u>S</u> erver name:						
2. Log on credentials						
Use <u>Windows</u> A						
O Use the following	ng User Nam	ne and Password				
User Name:						
Password:						
		Cancel	< <u>B</u> ack	<u>N</u> ext >	Fin	ish

Step 17: Click on Next. Choose SQL Database ->



Data Connection Wizard ?

## Save Data Connection File and Finish

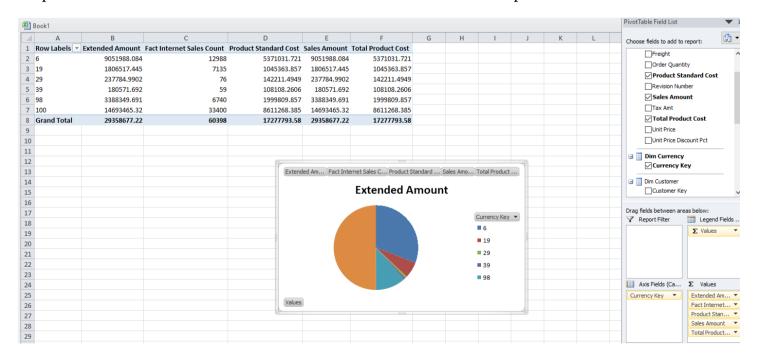
Enter a name and description for your new Data Connection file, and press Finish to



File <u>N</u> ame:		
. Project 1 Adventure Works DW2016.odc	Browse	
Save password in file		
<u>D</u> escription:		
(To help others understand what your data connection points to)		
Friendly Name:		
. Project 1 Adventure Works DW2016		
Search Keywords:		
Always attempt to use this file to refresh data		
Excel Services: Authentication Settings		
Cancel < <u>B</u> ack Next >	<u>F</u> inish	

Step 18: Click on Finish

Step 19: Select Result Area. Go to Insert Menu. Select Pie Chart option.



Step 20: Select Result Area. Go to Insert Menu. Select Column option.

