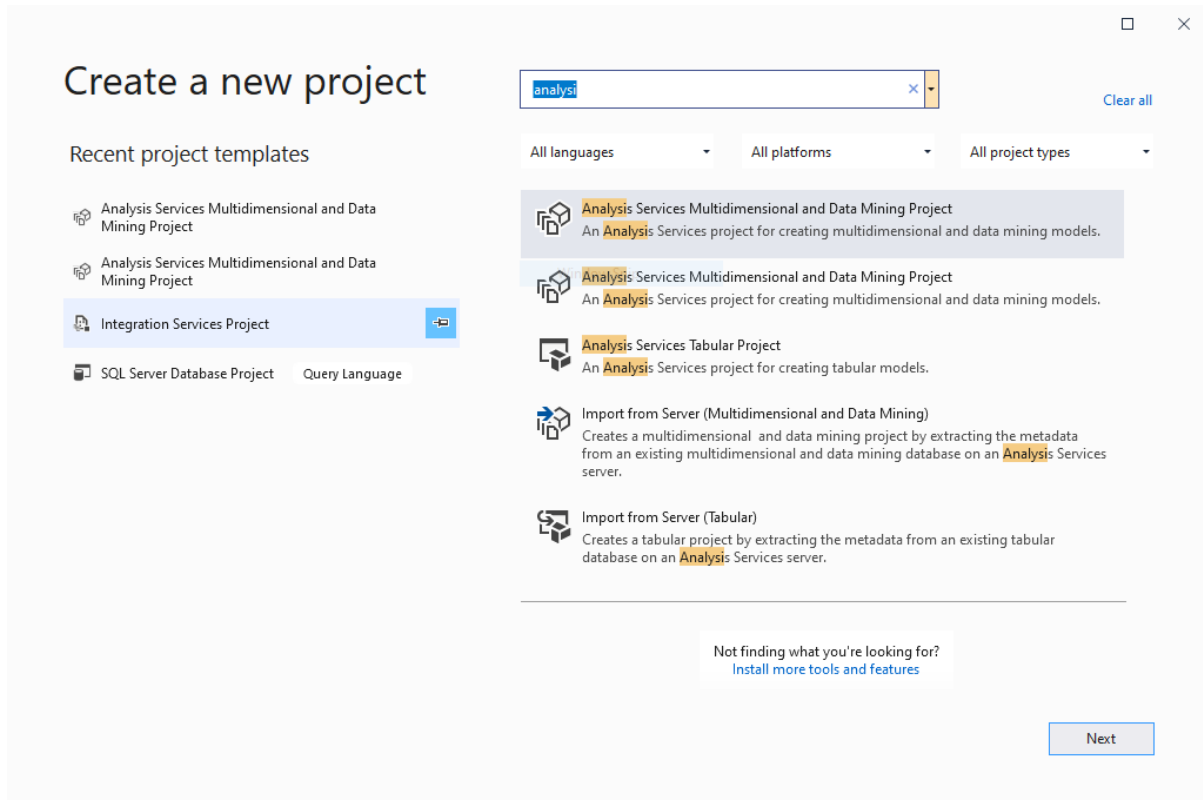
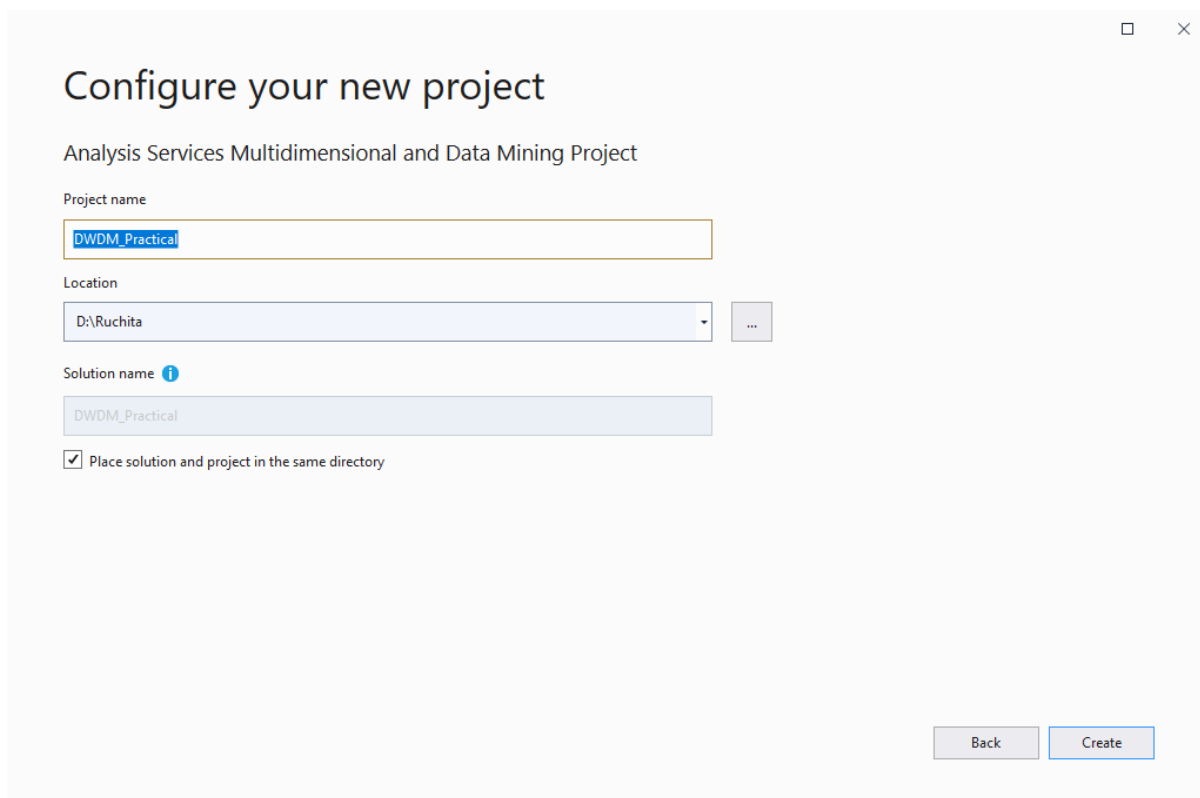


# DWDM Practical

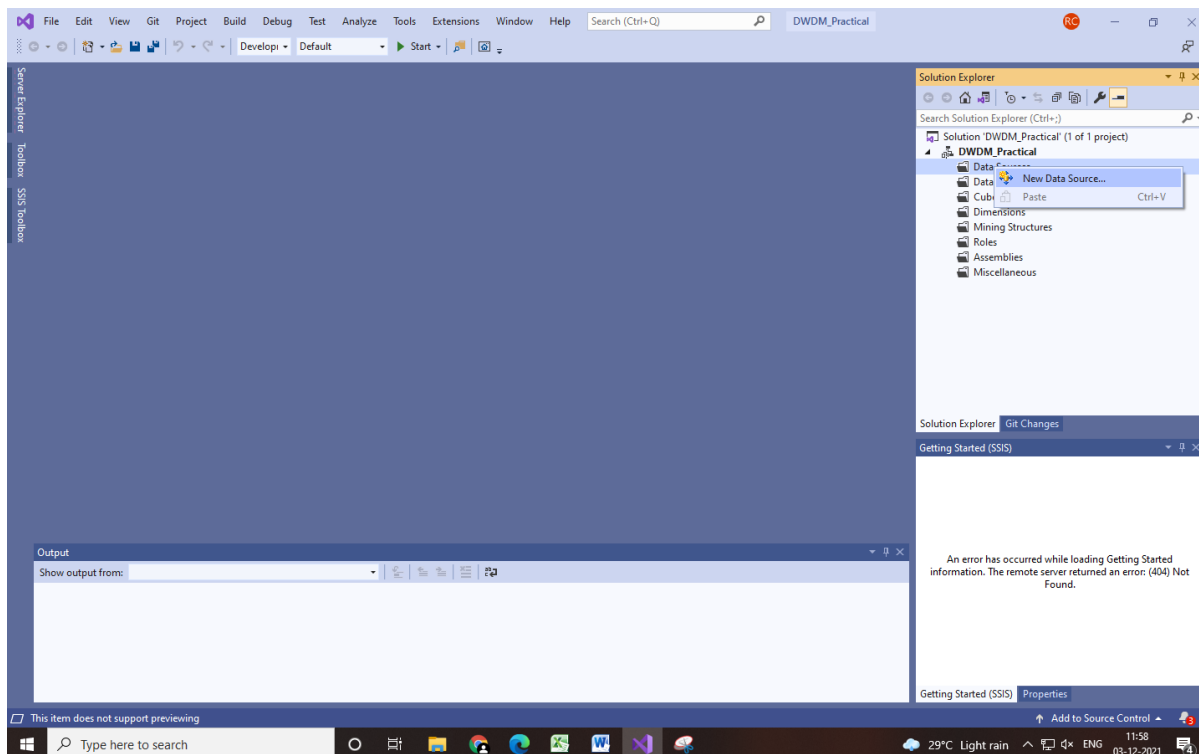
1. After selecting new project, search for “Analysis Services Multidimensional and Data Mining” then click on Next.



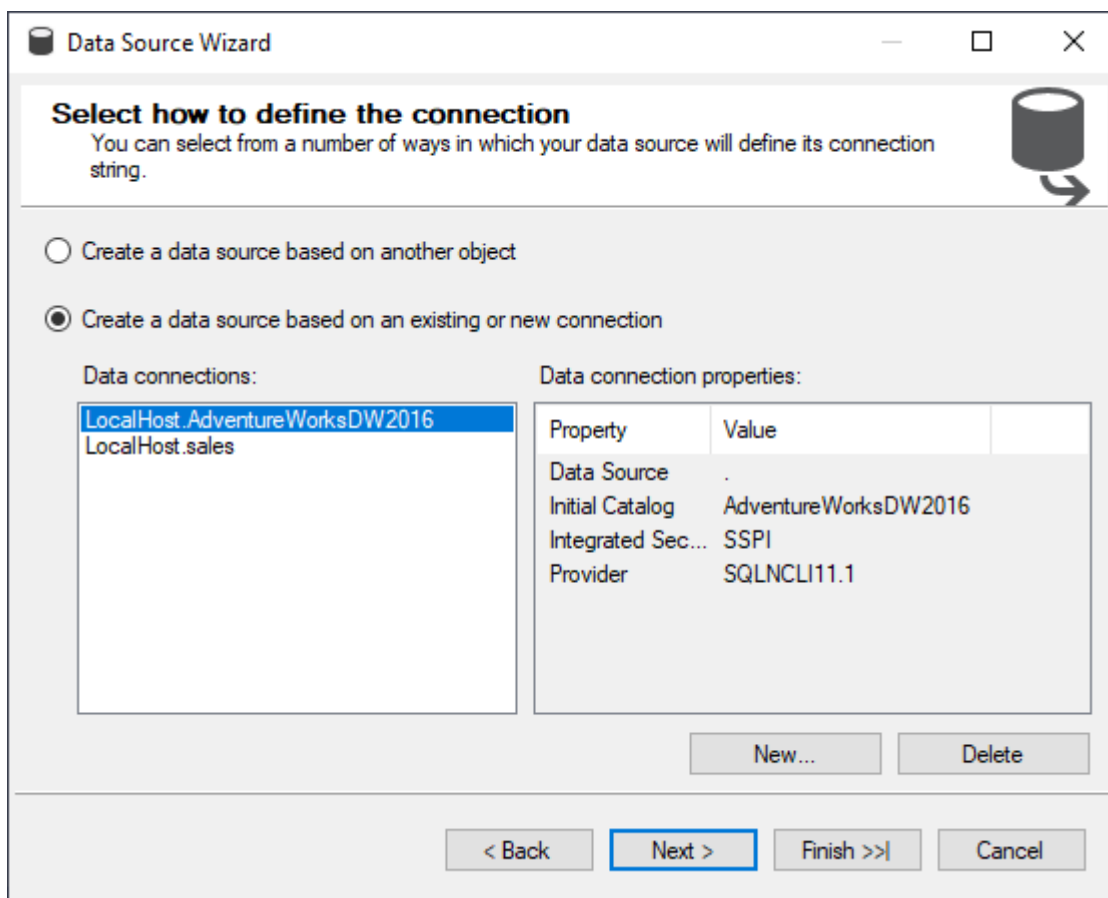
2. Name your project and select the location, then click on Create.



3. In the solution explorer, right click on “Data Source” and select “New Data Source”.

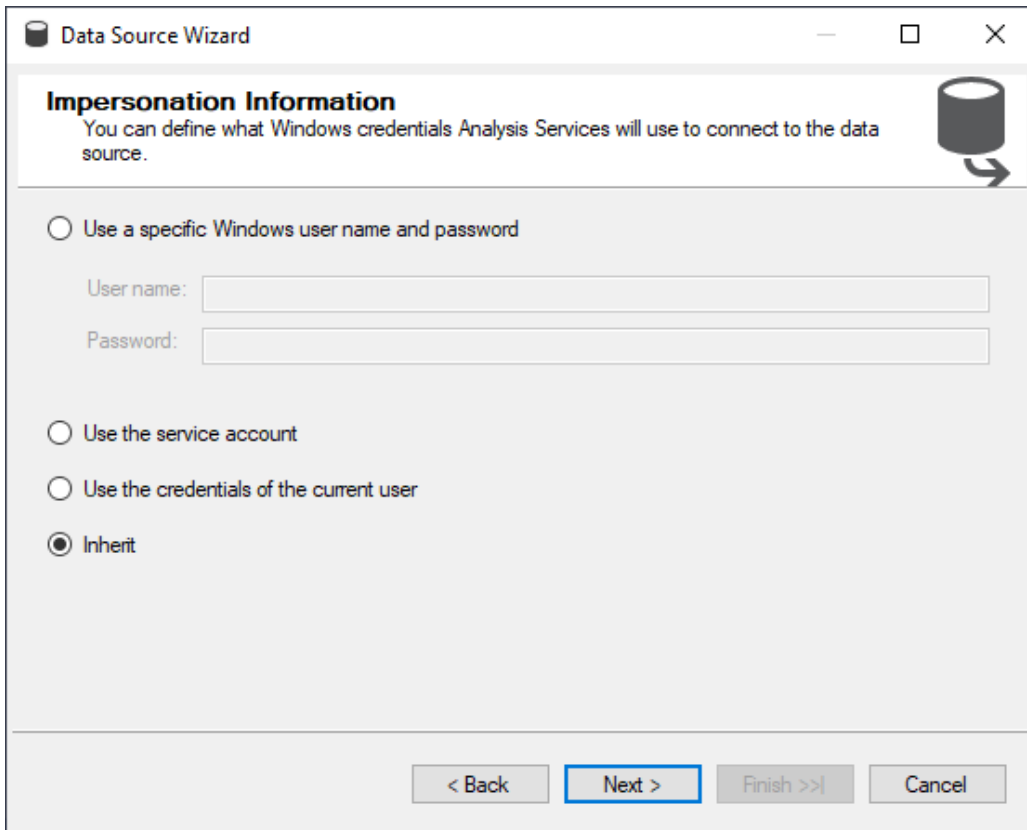


Follow the below steps one by one.



Click on Next and select the “Inherit” and click on Next.

## DWDM Practical



**Data Source Wizard**

**Impersonation Information**  
You can define what Windows credentials Analysis Services will use to connect to the data source.

☐ Use a specific Windows user name and password

User name:

Password:

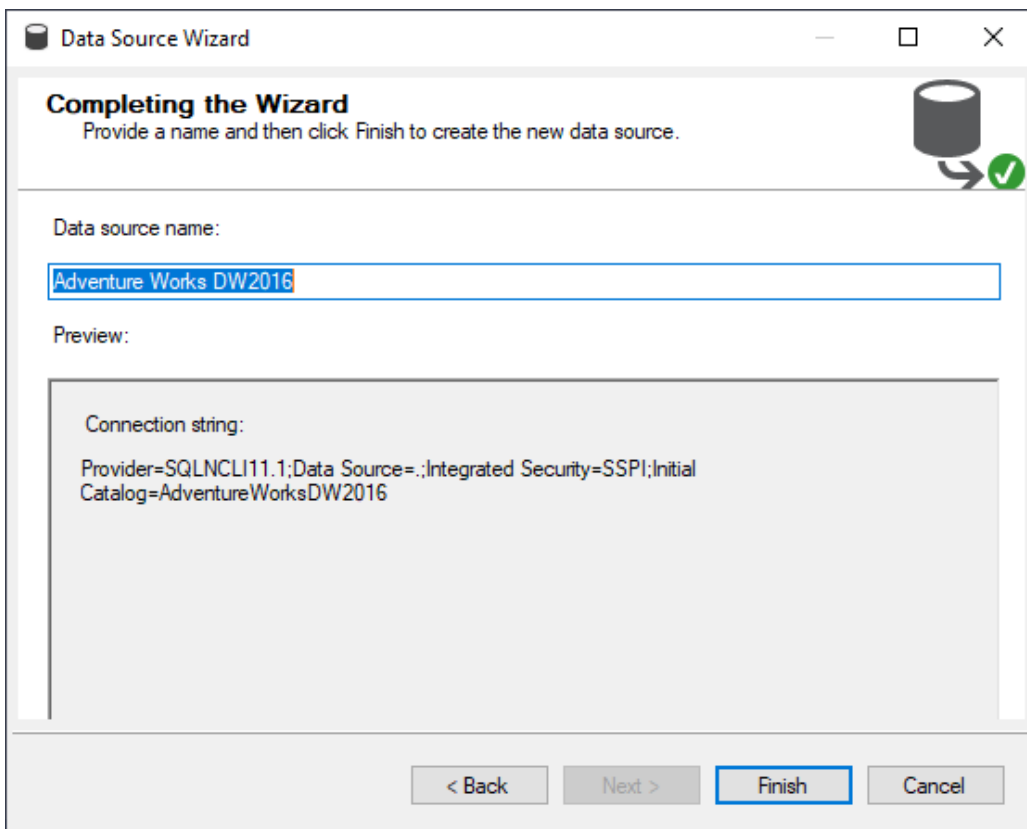
☐ Use the service account

☐ Use the credentials of the current user

☒ Inherit

< Back   **Next >**   Finish >> |   Cancel

Rename the Data source name if required.



**Data Source Wizard**

**Completing the Wizard**  
Provide a name and then click Finish to create the new data source.

Data source name:

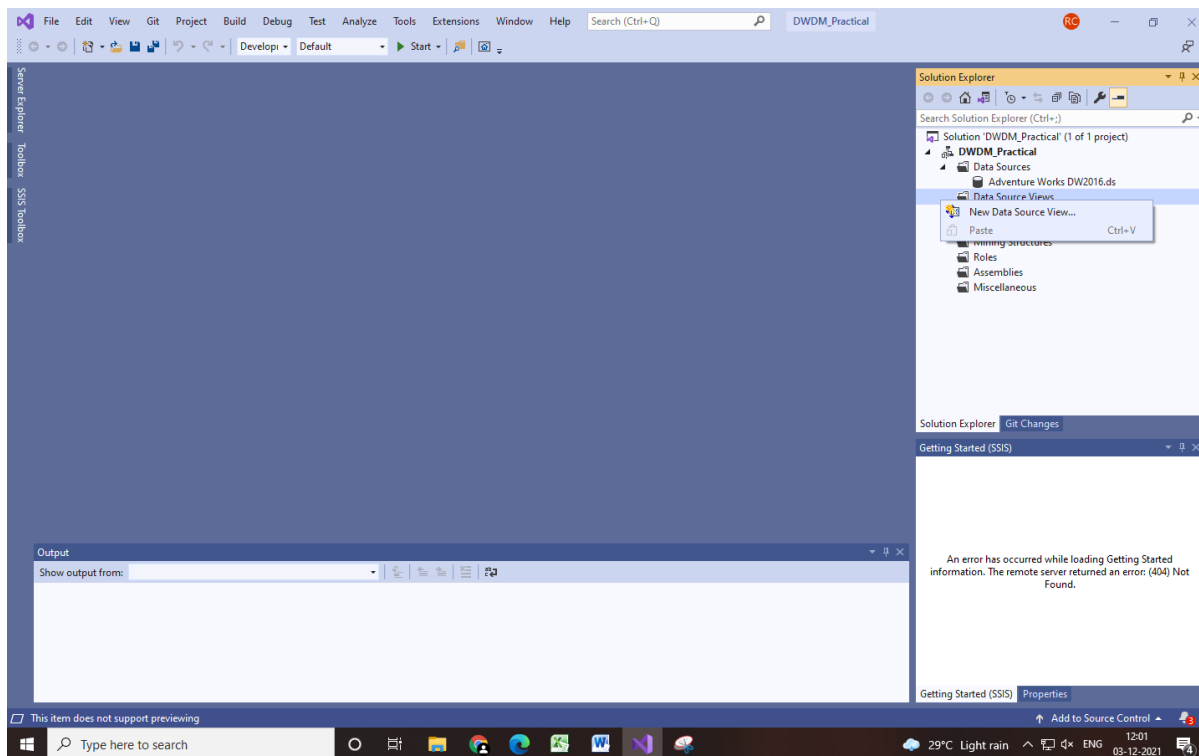
Preview:

Connection string:  
Provider=SQLNCLI11.1;Data Source=.;Integrated Security=SSPI;Initial Catalog=AdventureWorksDW2016

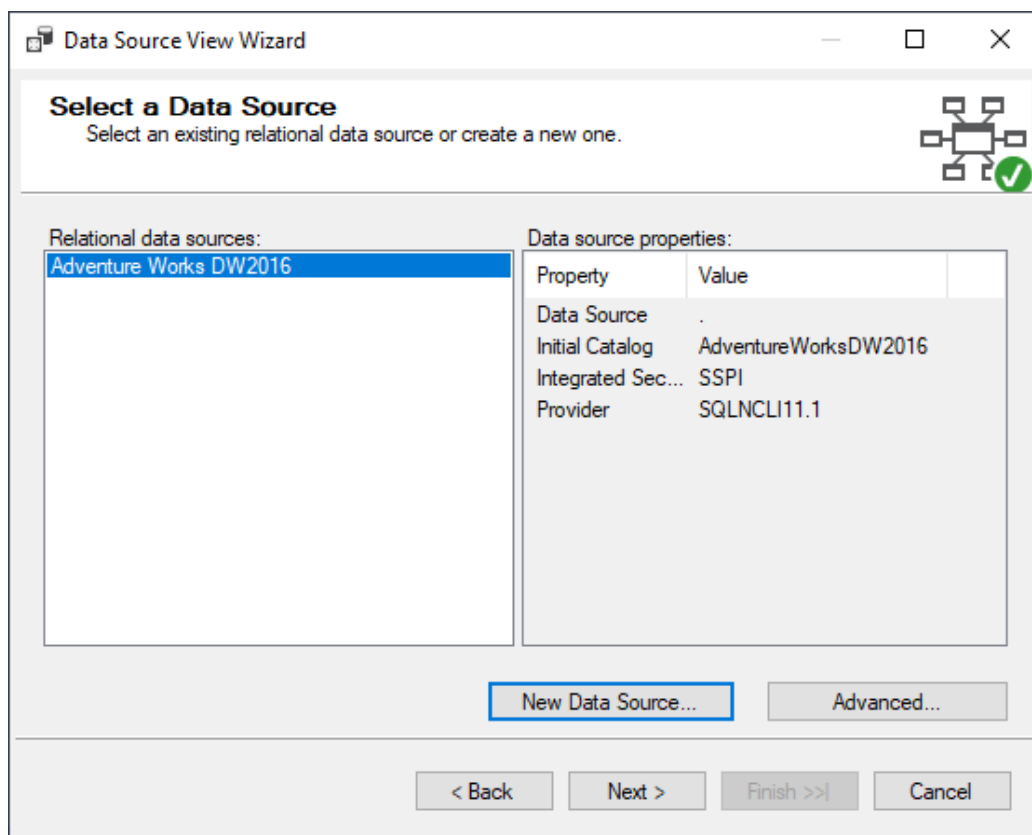
< Back   Next >   **Finish**   Cancel

4. In the solution explorer, right click on “Data Source views” and select “New Data Source View”.

## DWDM Practical



Select your Data Source and click on Next.



Search by particular table names as required using the Filter option.

**Data Source View Wizard**

**Select Tables and Views**  
Select objects from the relational database to be included in the data source view.

Available objects:

Name	Type
FactInternetSalesReason (dbo)	Table
DimSalesReason (dbo)	Table
FactInternetSales (dbo)	Table
FactSalesQuota (dbo)	Table
DimSalesTerritory (dbo)	Table
FactResellerSales (dbo)	Table

Filter:

☐ Show system objects

Included objects:

Name	Type
------	------

Add Related Tables

< Back   Next >   Finish >>   Cancel

Select the required tables and move to the right hand side and click on Next.

**Data Source View Wizard**

**Select Tables and Views**  
Select objects from the relational database to be included in the data source view.

Available objects:

Name	Type
------	------

Filter:

☐ Show system objects

Included objects:

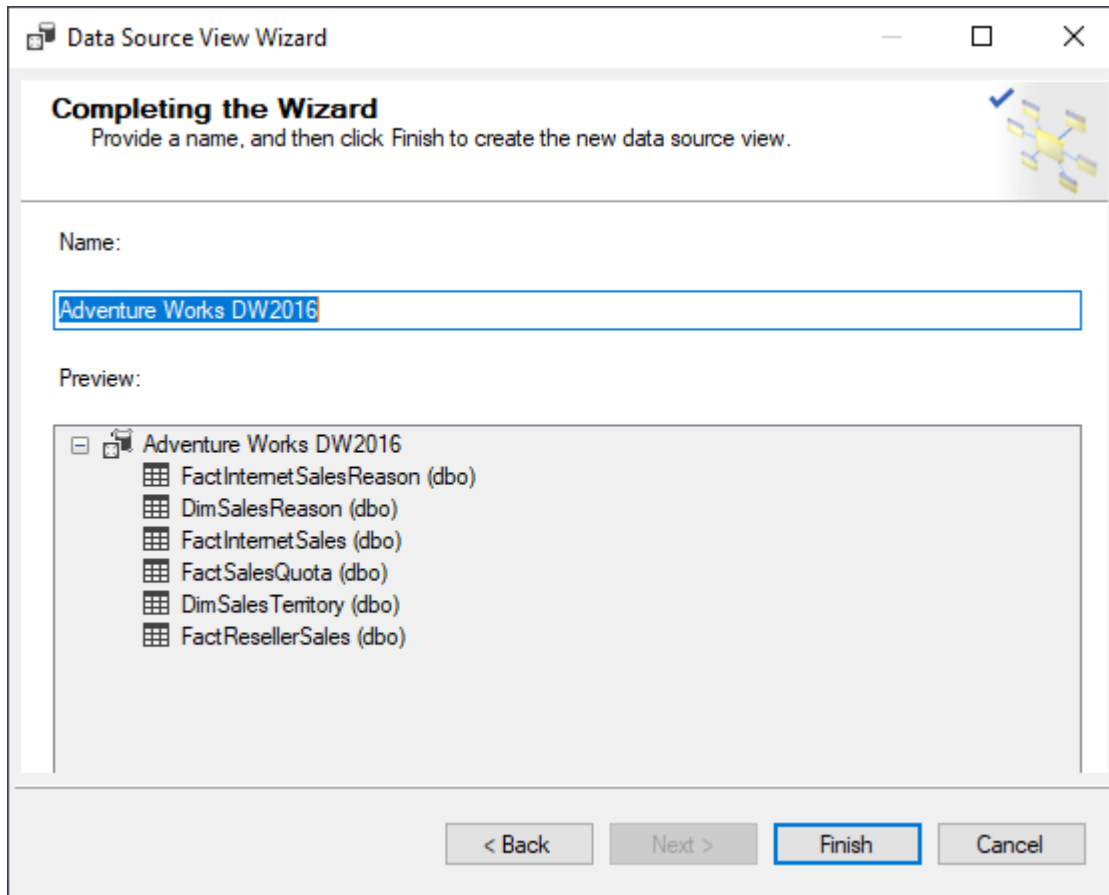
Name	Type
FactInternetSalesReason (dbo)	Table
DimSalesReason (dbo)	Table
FactInternetSales (dbo)	Table
FactSalesQuota (dbo)	Table
DimSalesTerritory (dbo)	Table
FactResellerSales (dbo)	Table

Add Related Tables

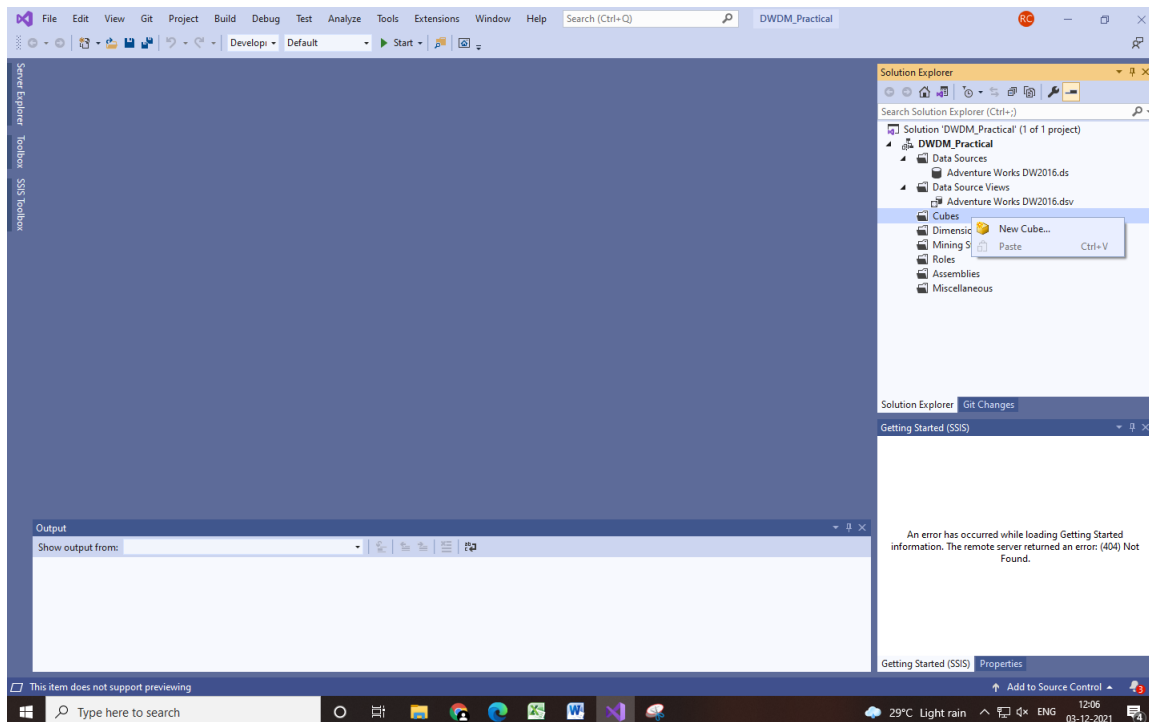
< Back   **Next >**   Finish >>   Cancel

Click on Finish.

## DWDM Practical



5. In the solution explorer, right click on “Cubes” and select “New Cube”.



Select the first option “Use existing tables” and click on Next.

**Cube Wizard**

**Select Creation Method**  
Cubes can be created by using existing tables, creating an empty cube, or generating tables in the data source.

How would you like to create the cube?

☒ Use existing tables

☐ Create an empty cube

☐ Generate tables in the data source

Template:  
(None)

Description:  
Create a cube based on one or more tables in a data source.

< Back   **Next >**   Finish >>   Cancel

Select the tables and click on Next.

**Cube Wizard**

**Select Measure Group Tables**  
Select a data source view or diagram and then select the tables that will be used for measure groups.

Data source view:  
Adventure Works DW2016

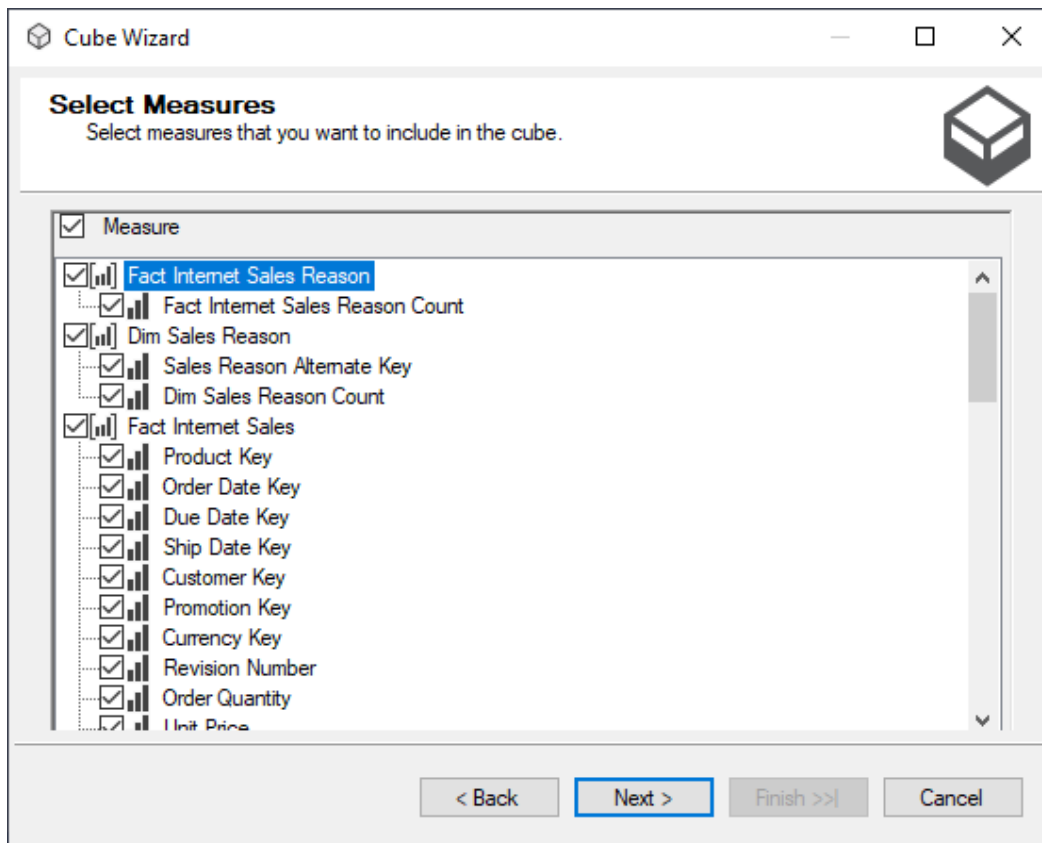
Measure group tables:

Suggest

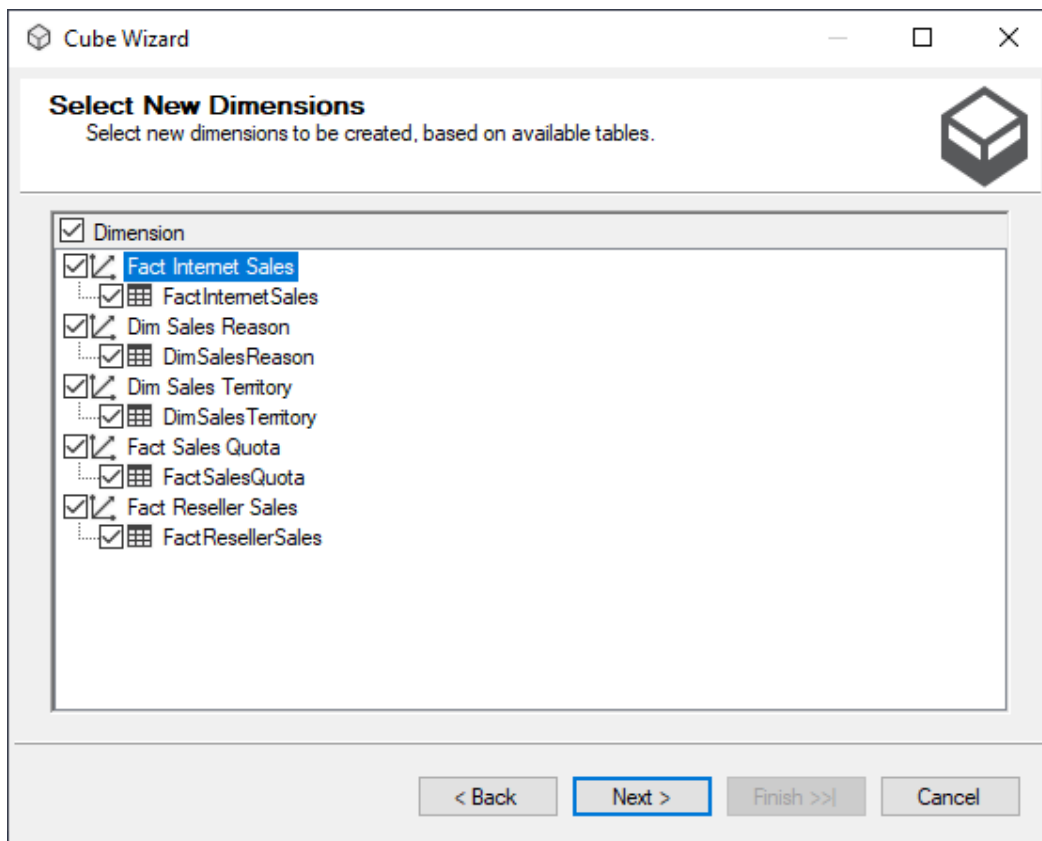
<input checked="" type="checkbox"/>	FactInternetSalesReason
<input checked="" type="checkbox"/>	DimSalesReason
<input checked="" type="checkbox"/>	FactInternetSales
<input checked="" type="checkbox"/>	FactSalesQuota
<input checked="" type="checkbox"/>	DimSalesTerritory
<input checked="" type="checkbox"/>	<b>FactResellerSales</b>

< Back   **Next >**   Finish >>   Cancel

Click on Next.



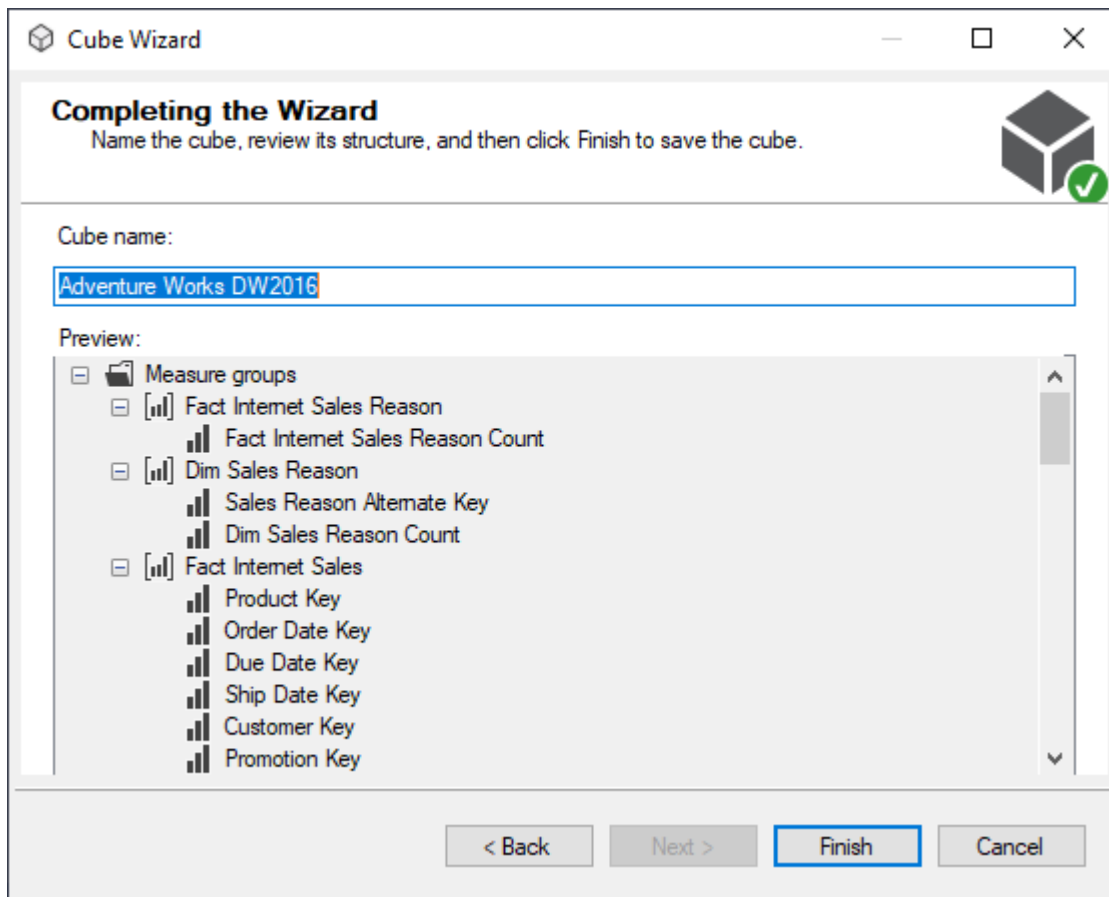
Click on Next.



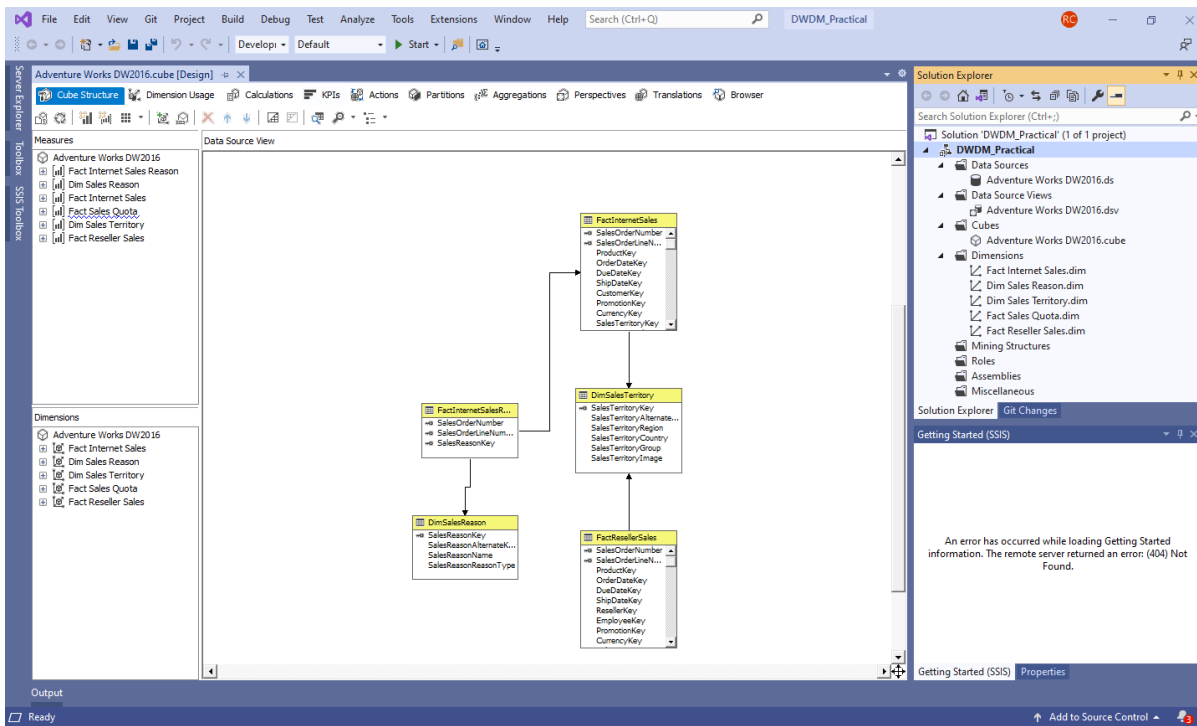
Click on Finish.



## DWDM Practical

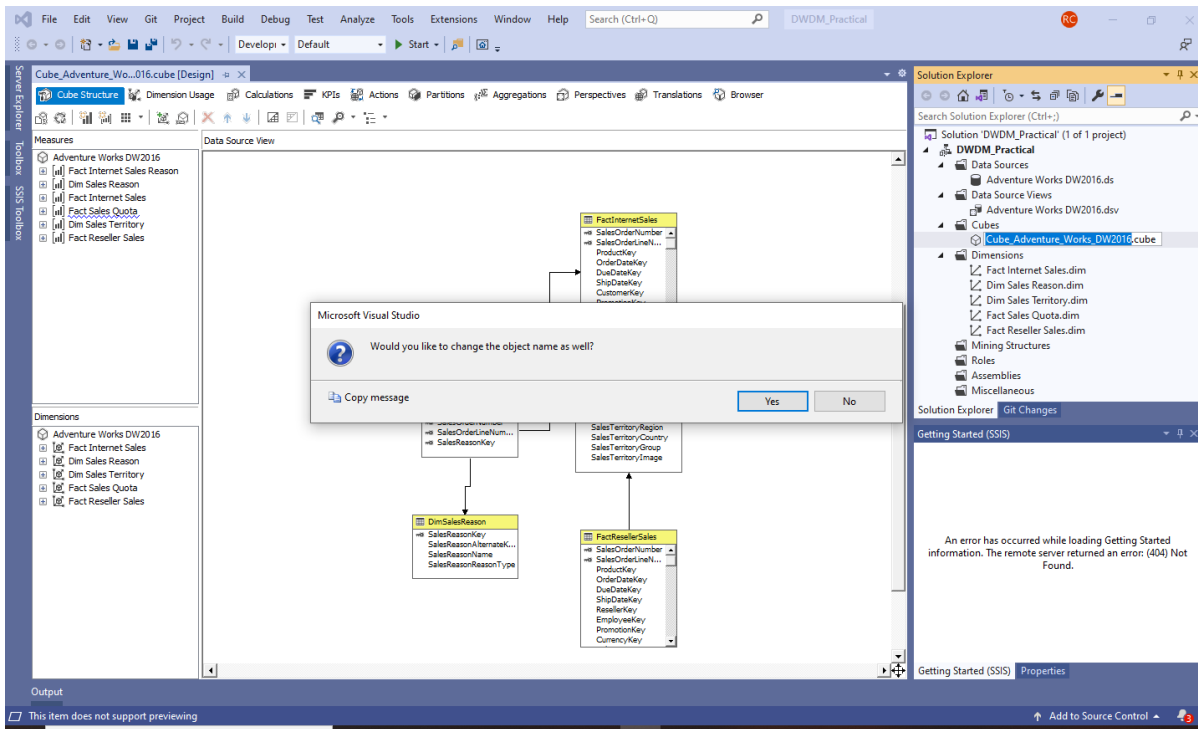


6. Then you will get the below screen showing cube representation.

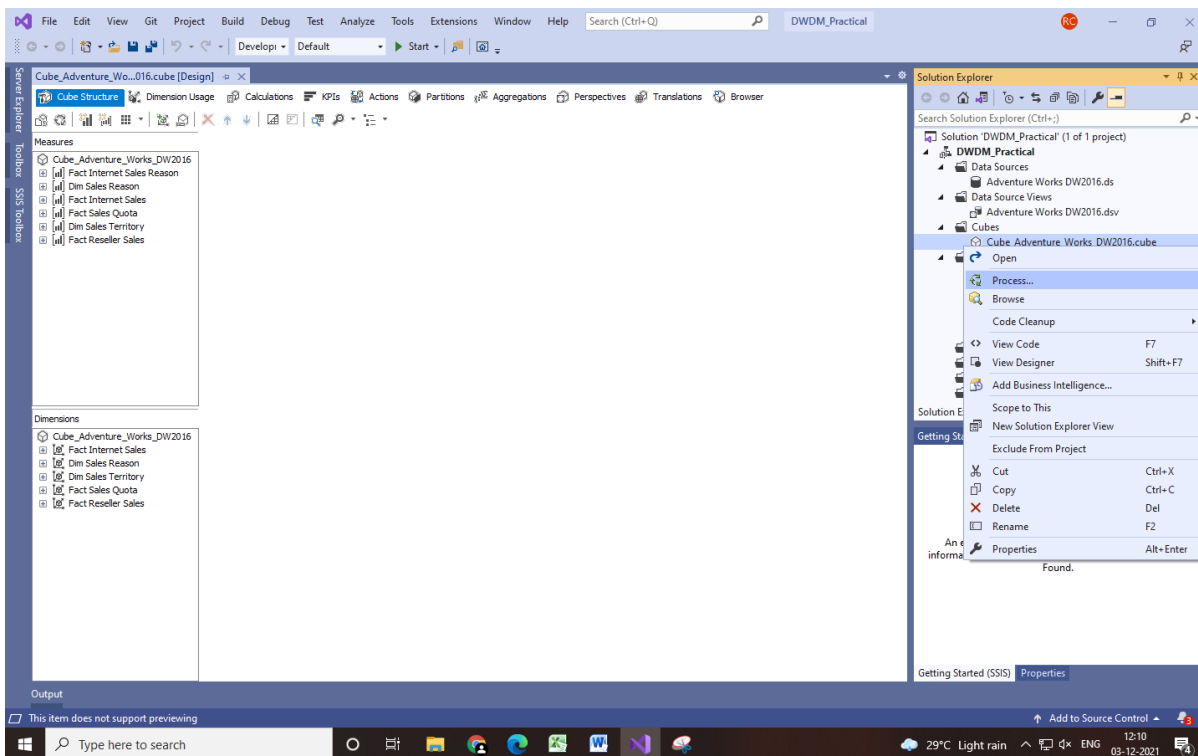


Rename cube name and proceed.

## DWDM Practical

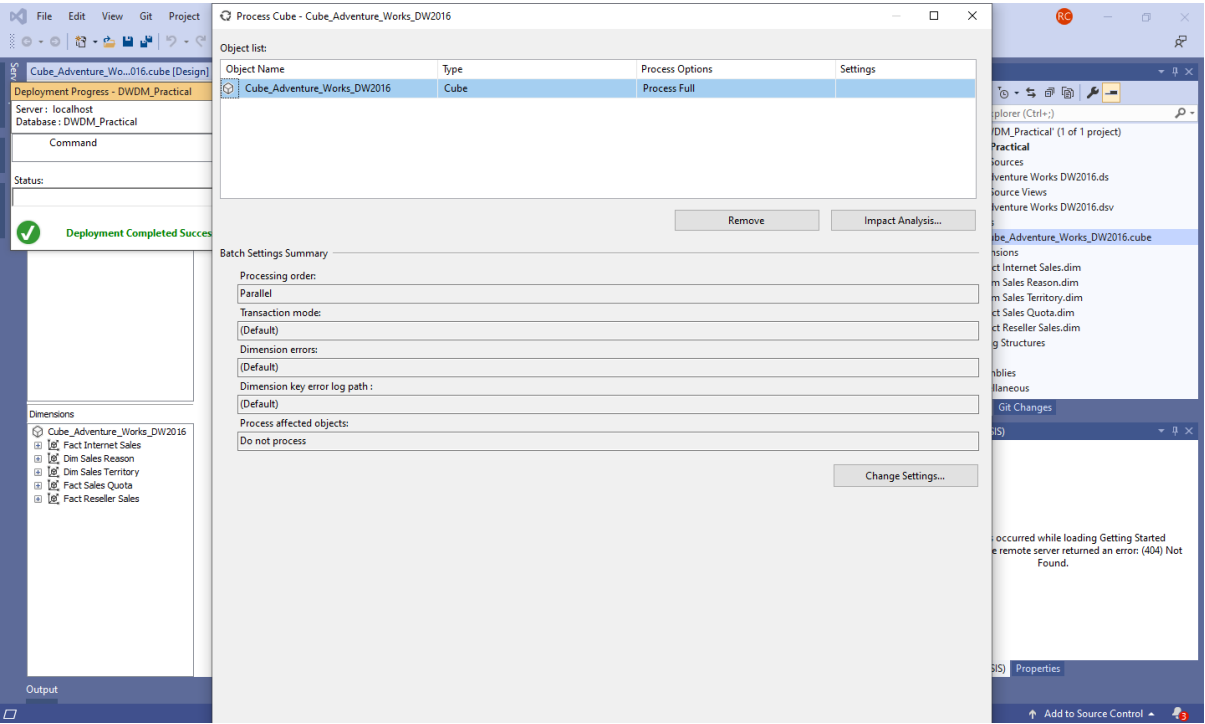


Right click on cube and click on process.

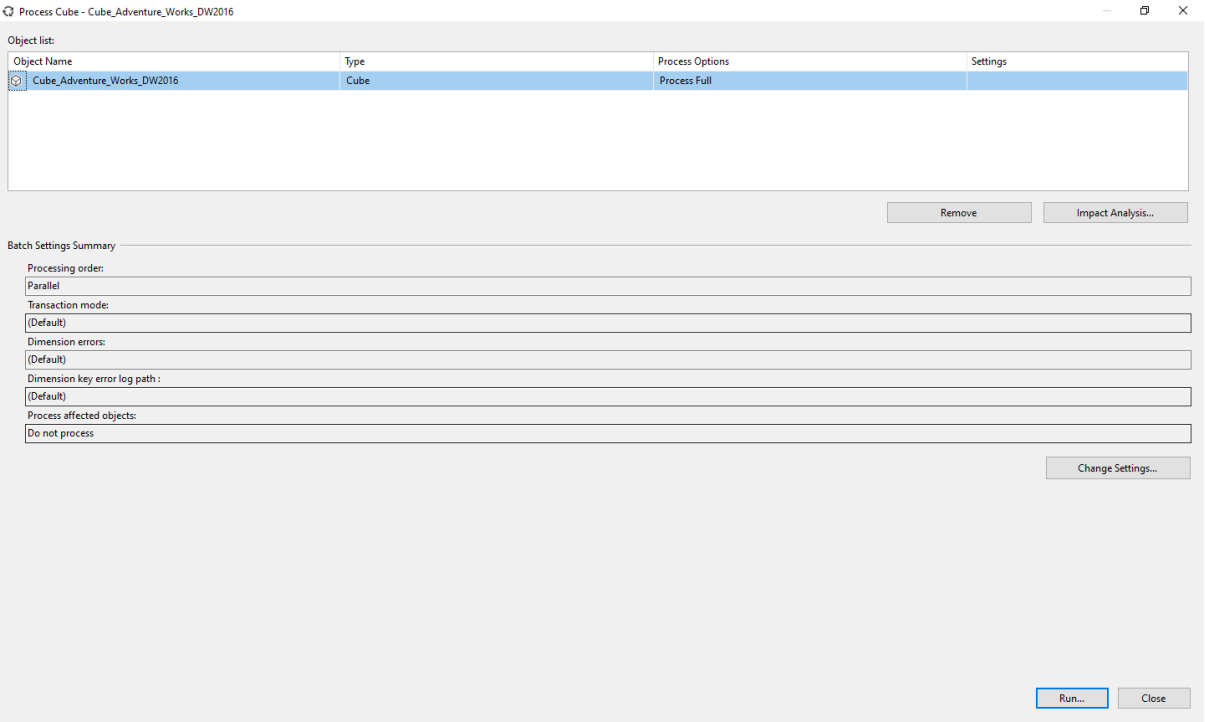


Processing will start and you will get the below window.

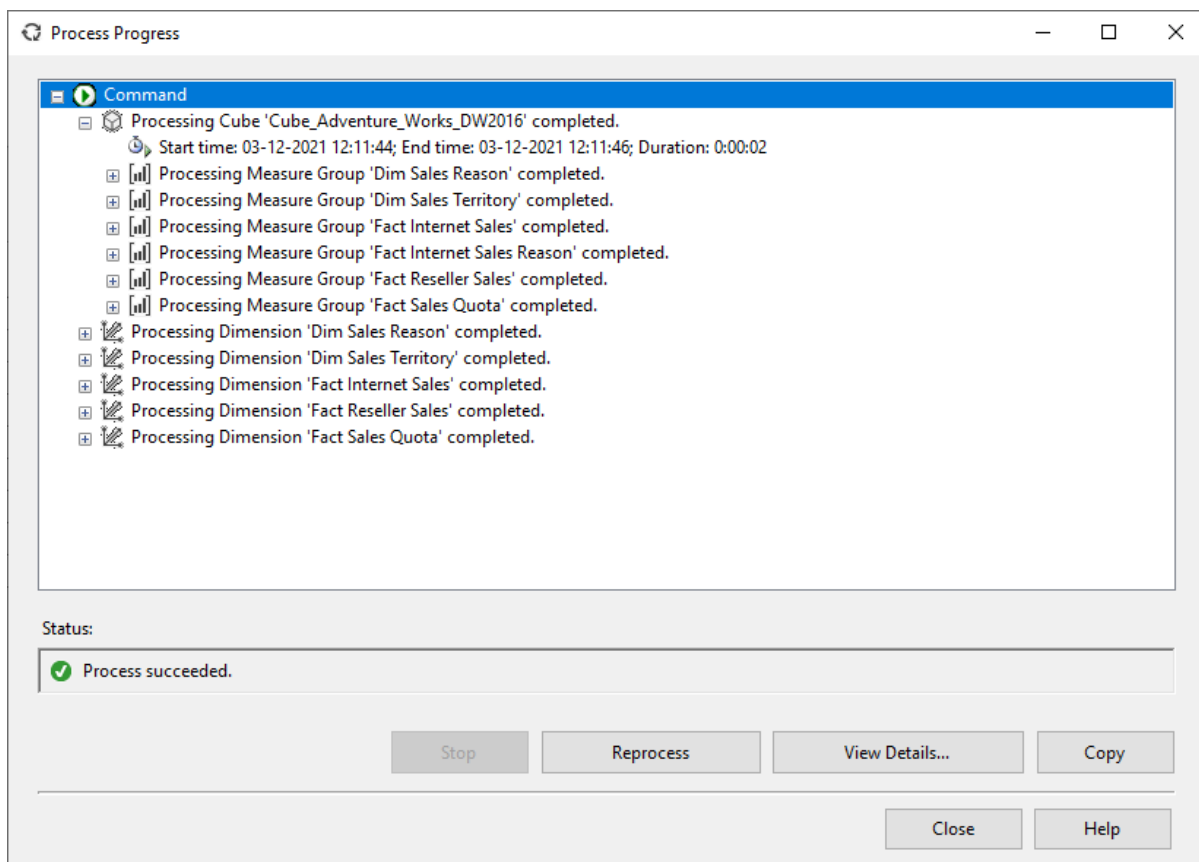
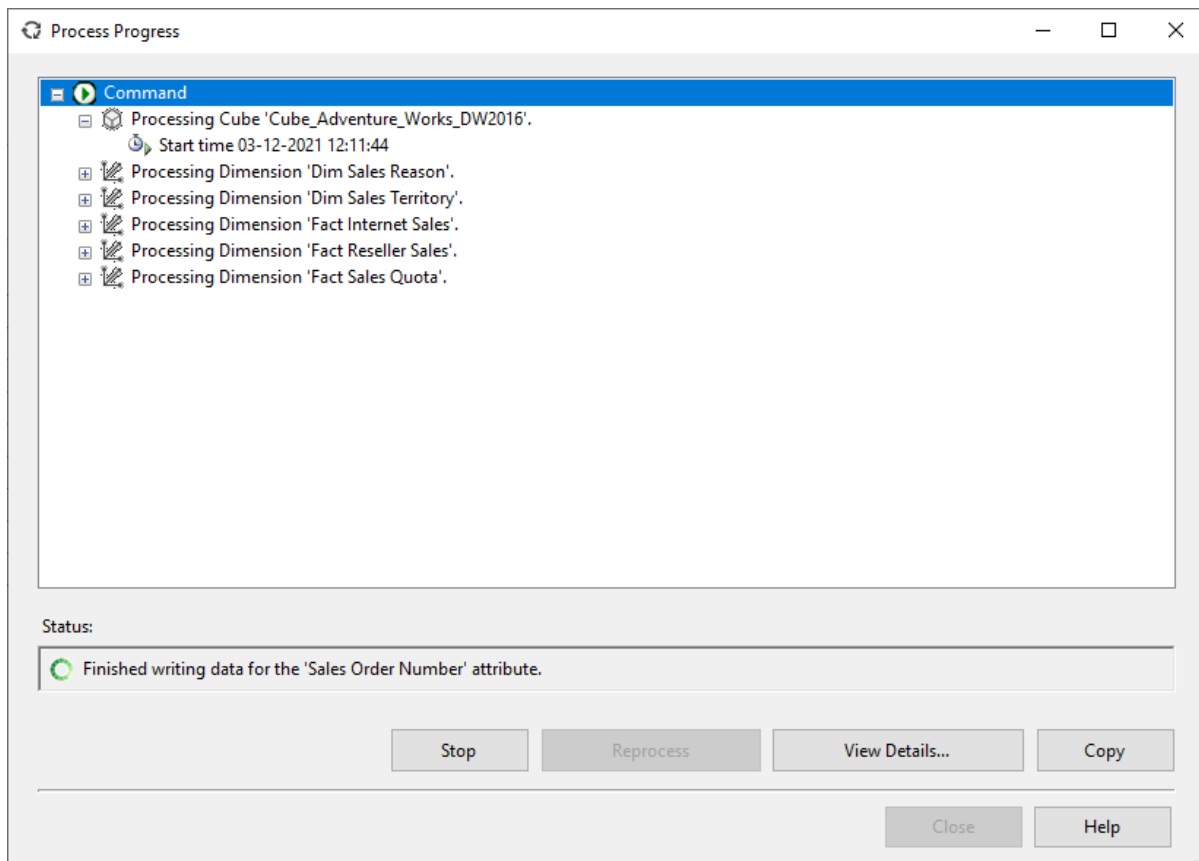
DWDM Practical



Maximize the window and click on Run.

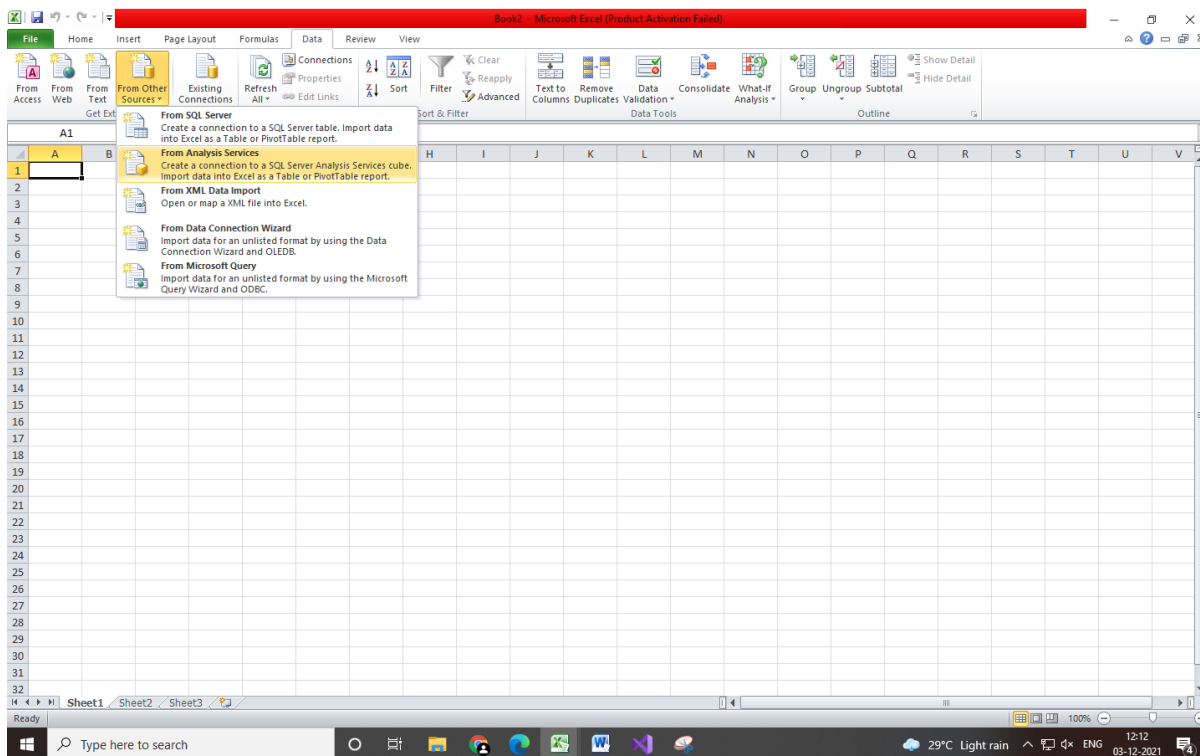


## DWDM Practical



7. Open Excel sheet, go to Data tab and click on “From analysis Services”

## DWDM Practical



Make the connection.

A screenshot of the 'Data Connection Wizard' dialog box. The title bar says 'Data Connection Wizard'. The main heading is 'Connect to Database Server'. Below it, the instruction reads 'Enter the information required to connect to the database server.' There is a green icon of a database server. The first step is '1. Server name:' followed by a text input field containing a period '.'. The second step is '2. Log on credentials' with two radio button options: 'Use Windows Authentication' (which is selected) and 'Use the following User Name and Password'. Below these are two text input fields labeled 'User Name:' and 'Password:'. At the bottom, there are four buttons: 'Cancel', '< Back', 'Next >' (which is highlighted with a blue border), and 'Finish'.

Click on Next.


**Data Connection Wizard** ? X

**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:  
 DWDM\_MultidimensionalProject1

☒ Connect to a specific cube or table:

Name	Description	Modified	Created	Type
 Cube_Adventure_Works_DW2016		12/3/2021 11:29:12 AM		CUBE

Cancel < Back **Next >** Finish

**Data Connection Wizard** ? X

**Save Data Connection File and Finish**

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

File Name:  
 . DWDM\_MultidimensionalProject1 Cube\_Adventure\_Works\_DW2016.odc Browse...

☐ Save password in file

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

Friendly Name:  
 . DWDM\_MultidimensionalProject1 Cube\_Adventure\_Works\_DW2016

Search Keywords:

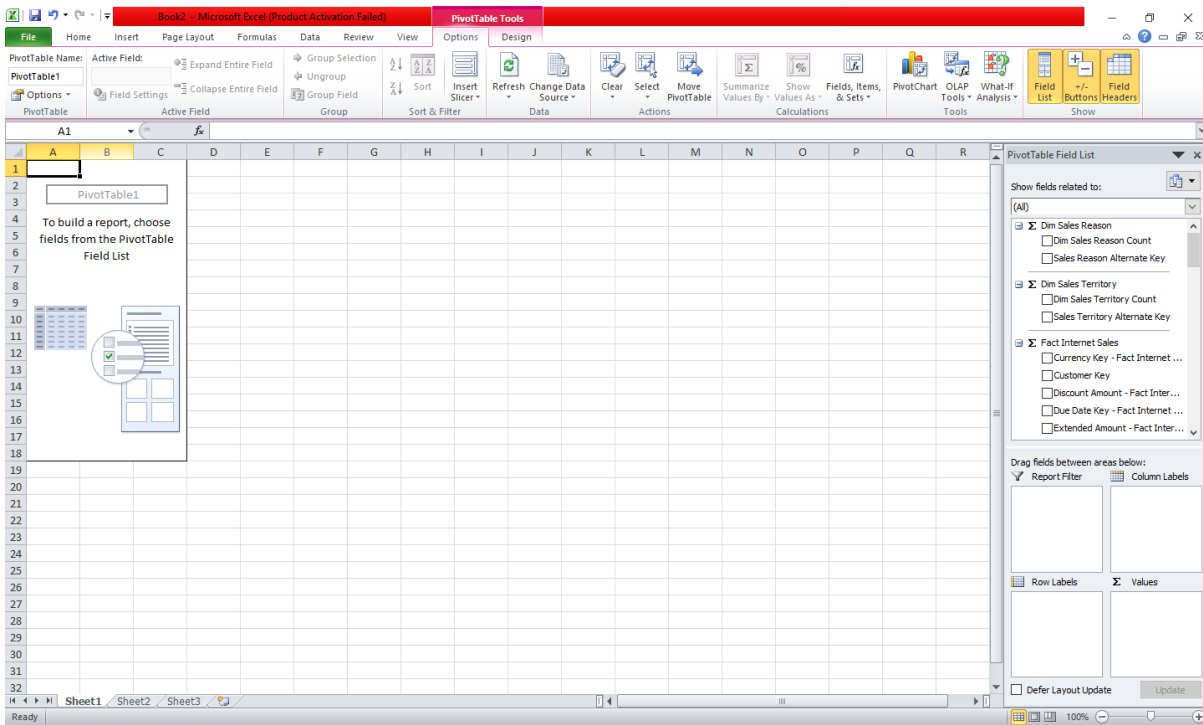
☐ Always attempt to use this file to refresh data

Excel Services: Authentication Settings...

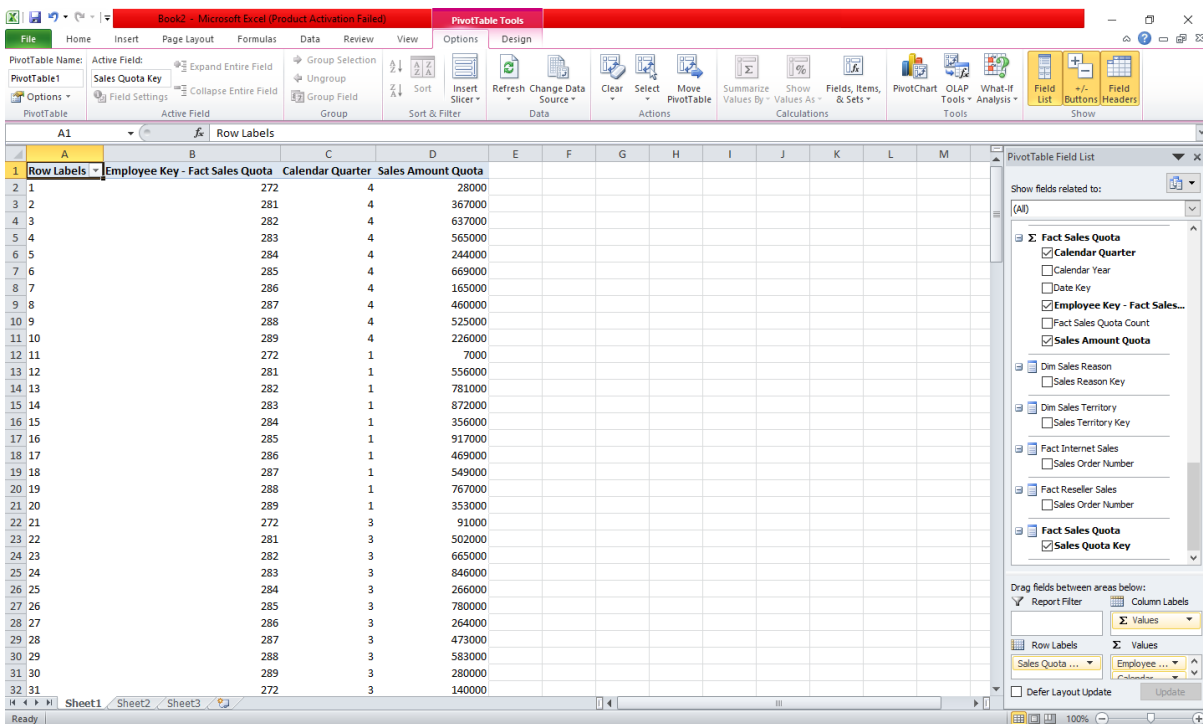
Cancel < Back **Next >** Finish

8. You will get the final representation.

## DWDM Practical

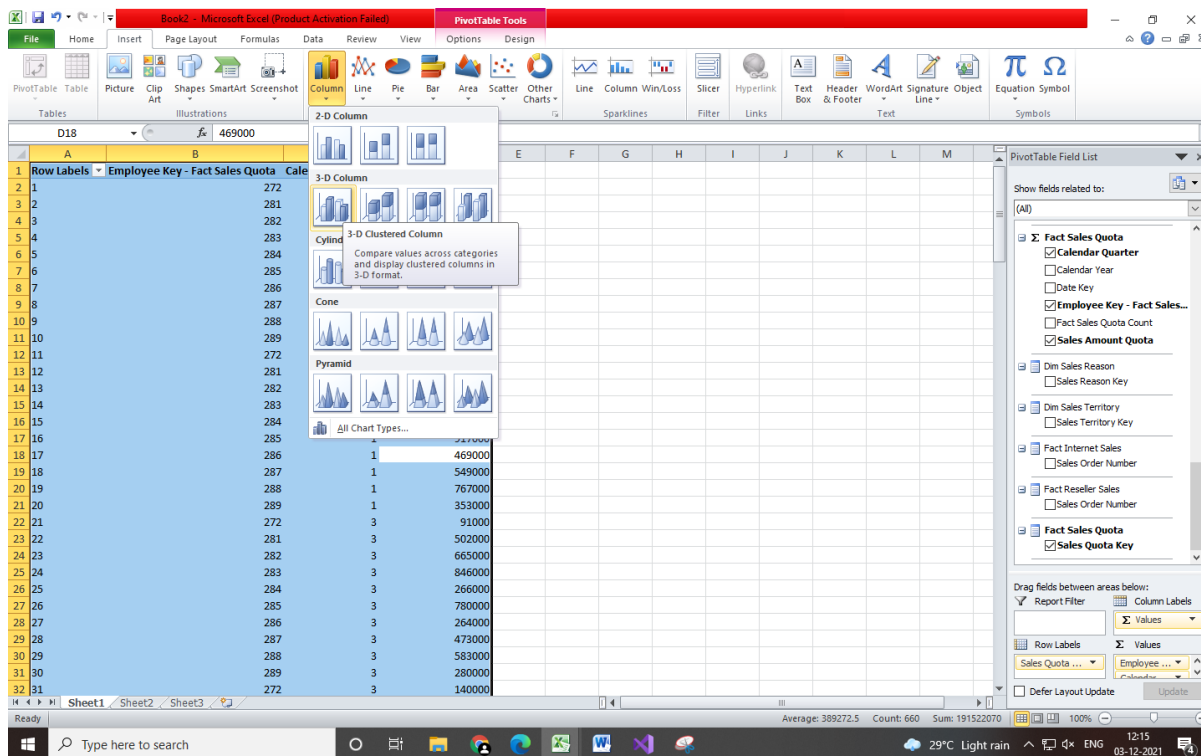


Select the tables from right hand side.

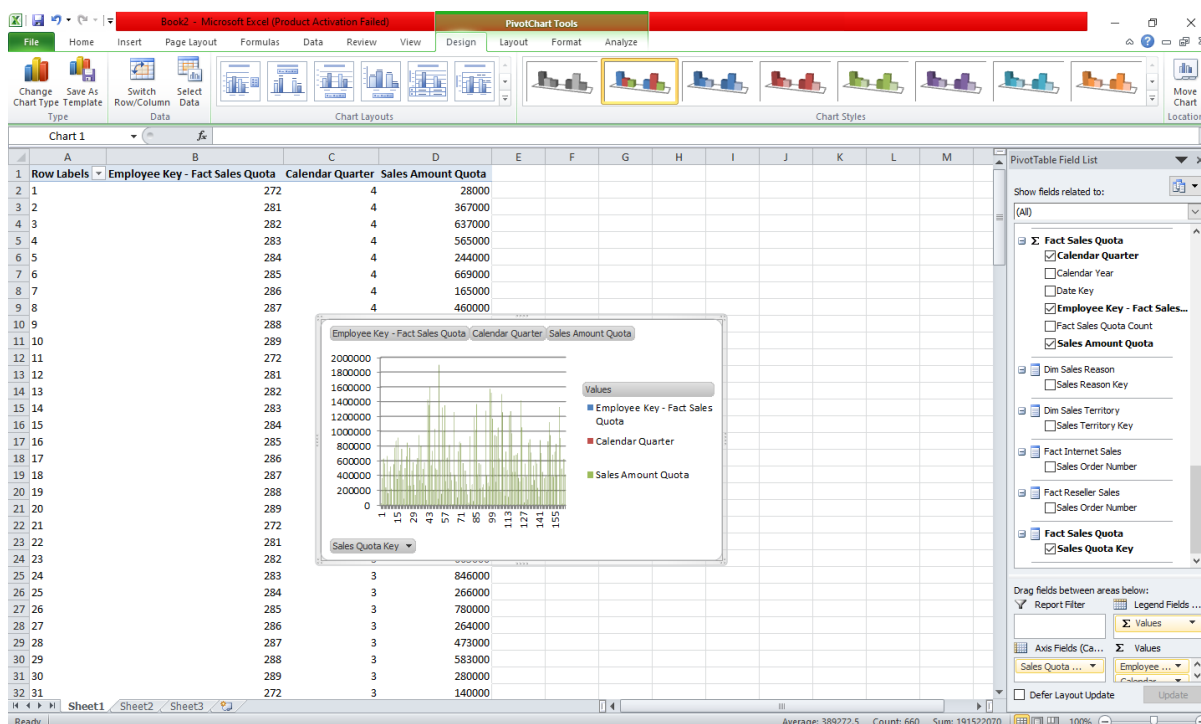


9. Select all and click on Insert tab and select options from Column

## DWDM Practical



You will get the final output as a graph show below.





## DWDM Practical

