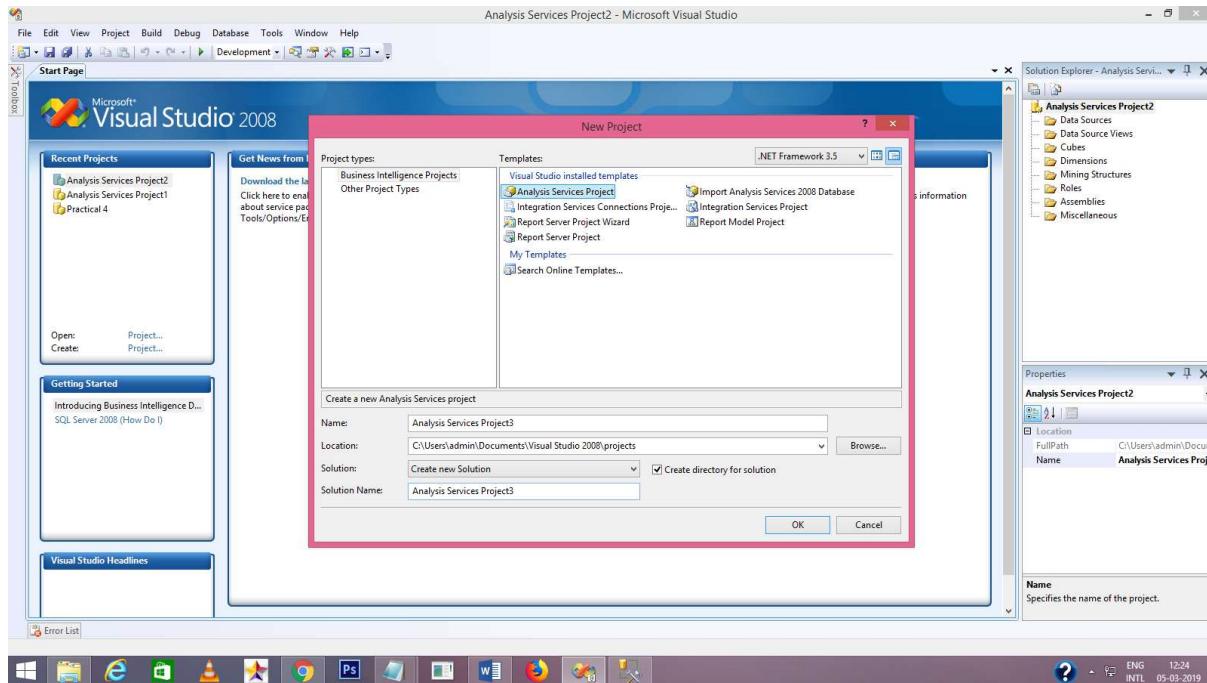
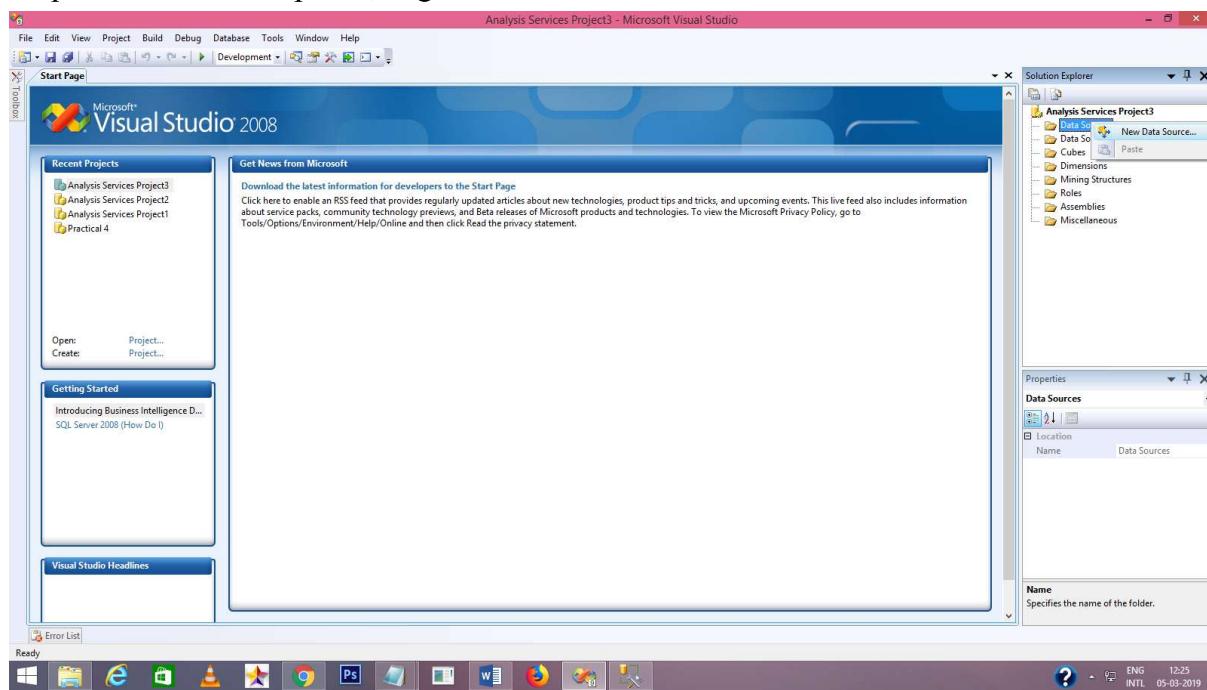


### Practical 3: Create the Data staging area for the selected database.(Cube)

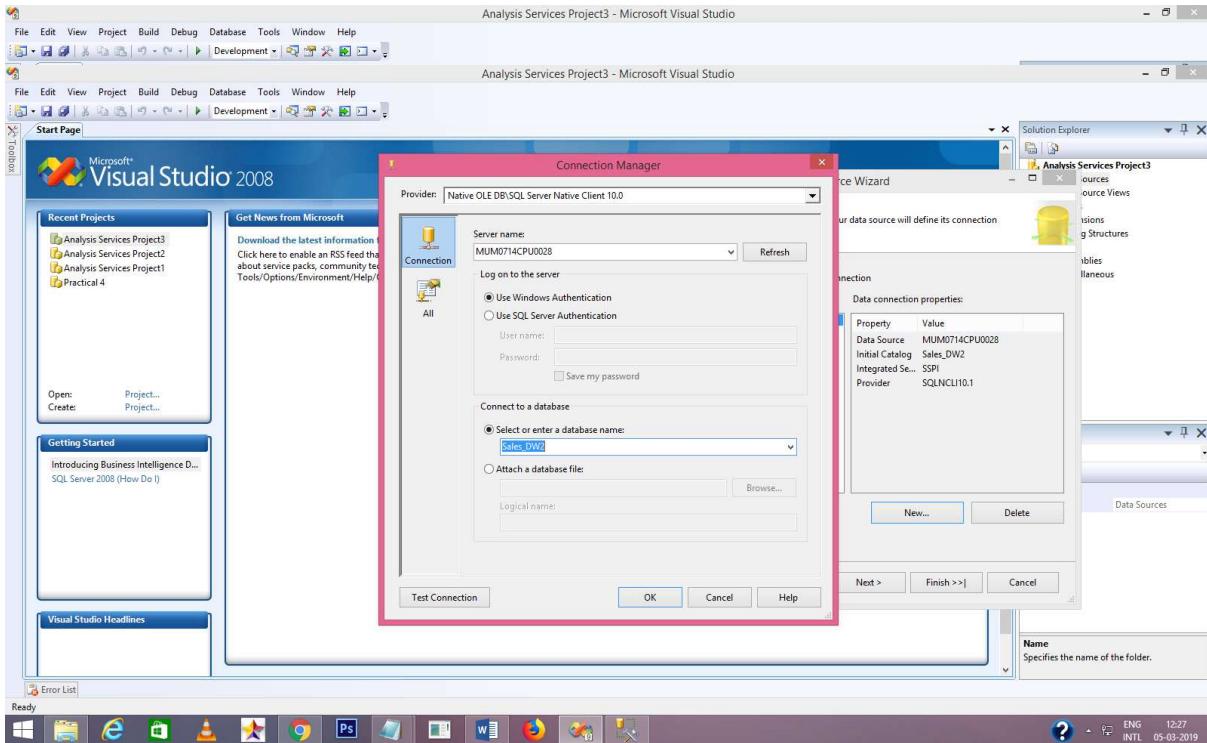
Step 1. Click File -> New -> Project -> Business Intelligence Projects -> select Analysis Services Project -> Assign Project Name -> Click OK.



Step 2. In Solution Explorer, Right click on Data Source -> Click New Data Source.

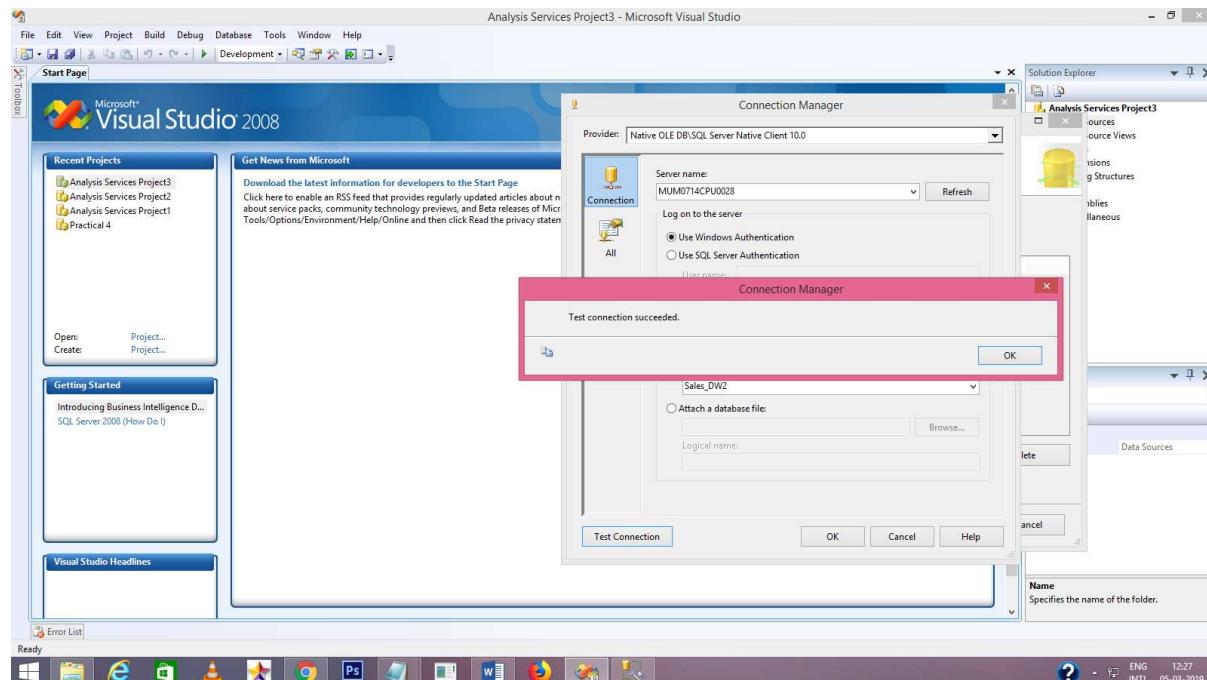


### Step 3. Click on New.

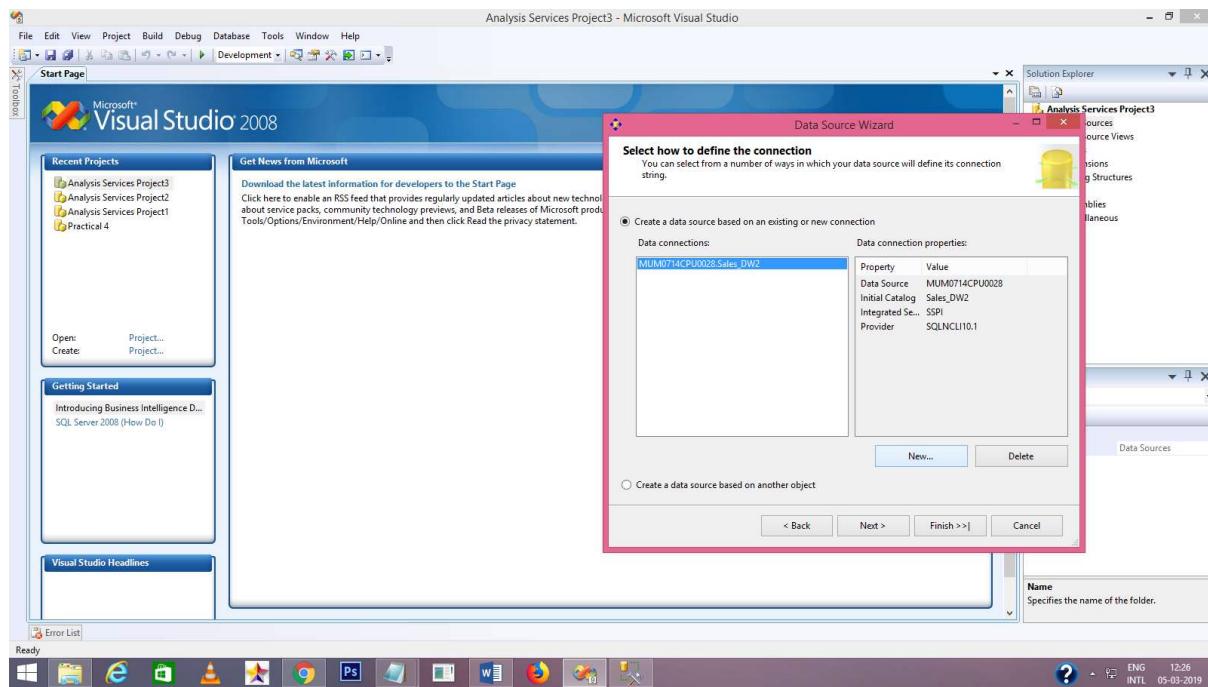


### Step 4. Creating New connection.

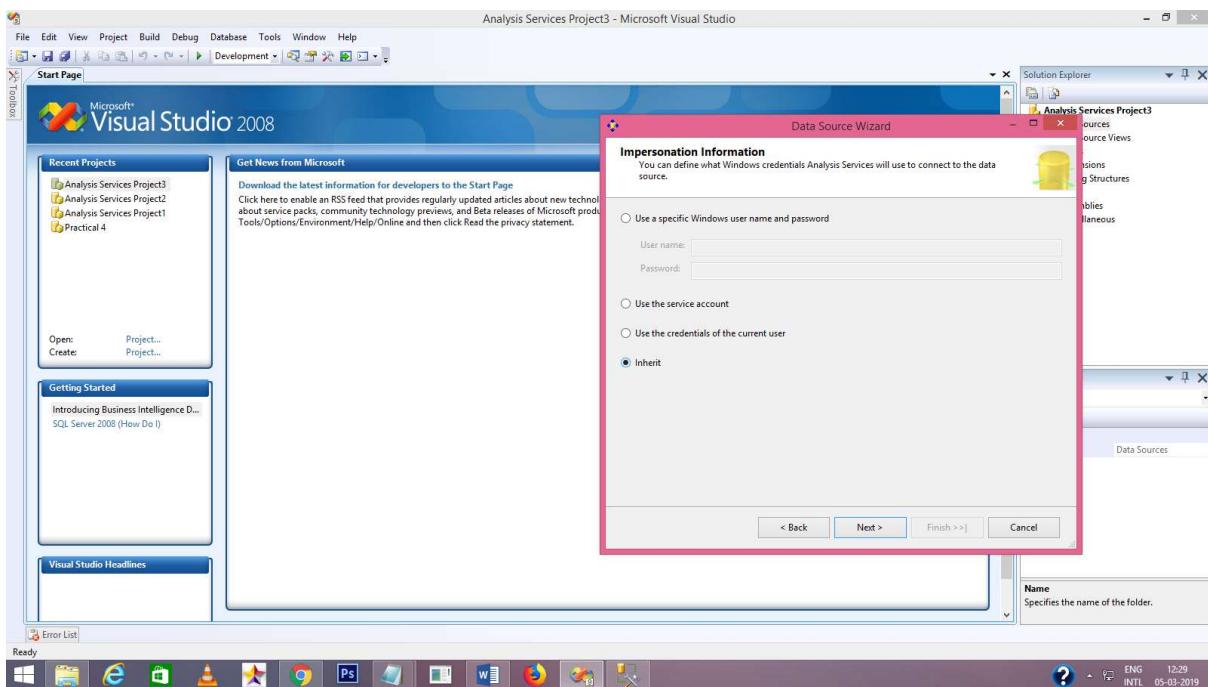
### Step 5. Click on Test Connection and verify for its success.



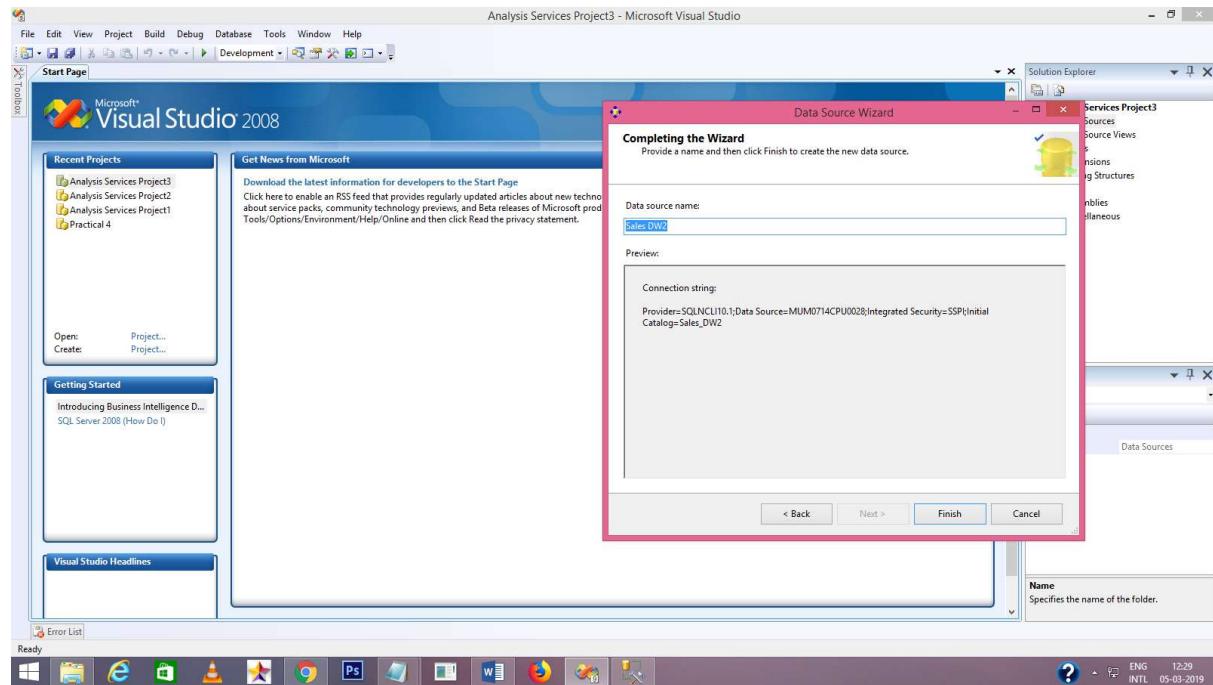
Step 6. Select Connection created in Data Connections-> Click Next.



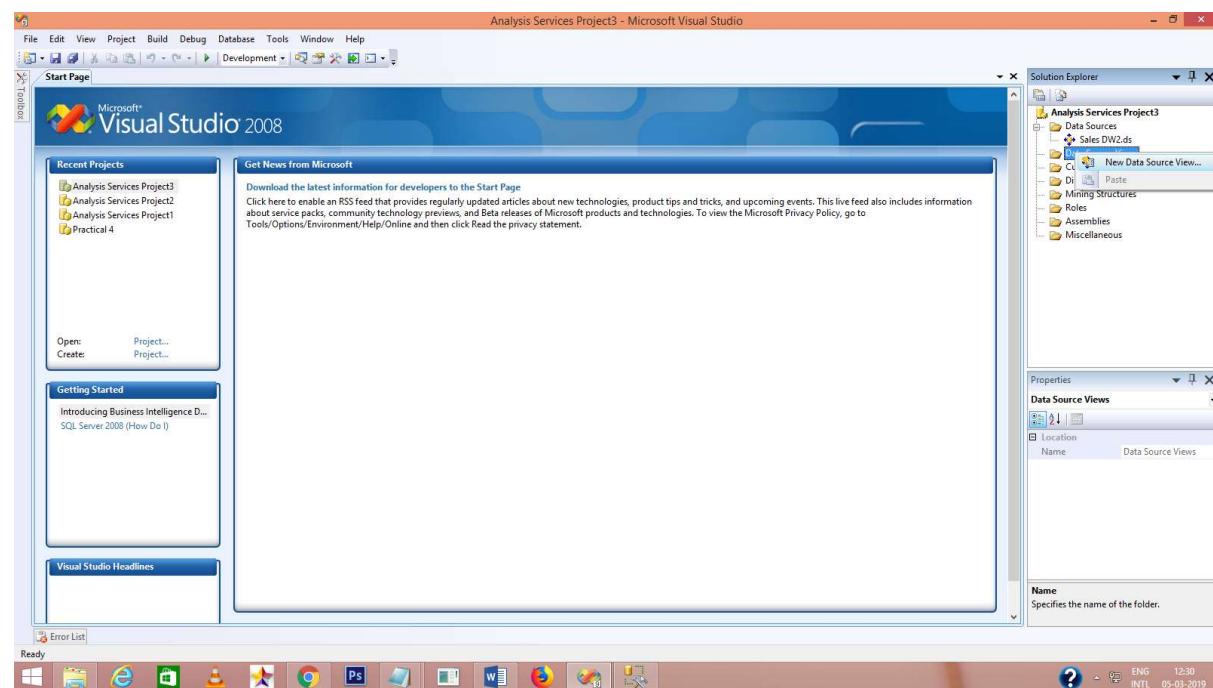
Step 7. Select Option Inherit.



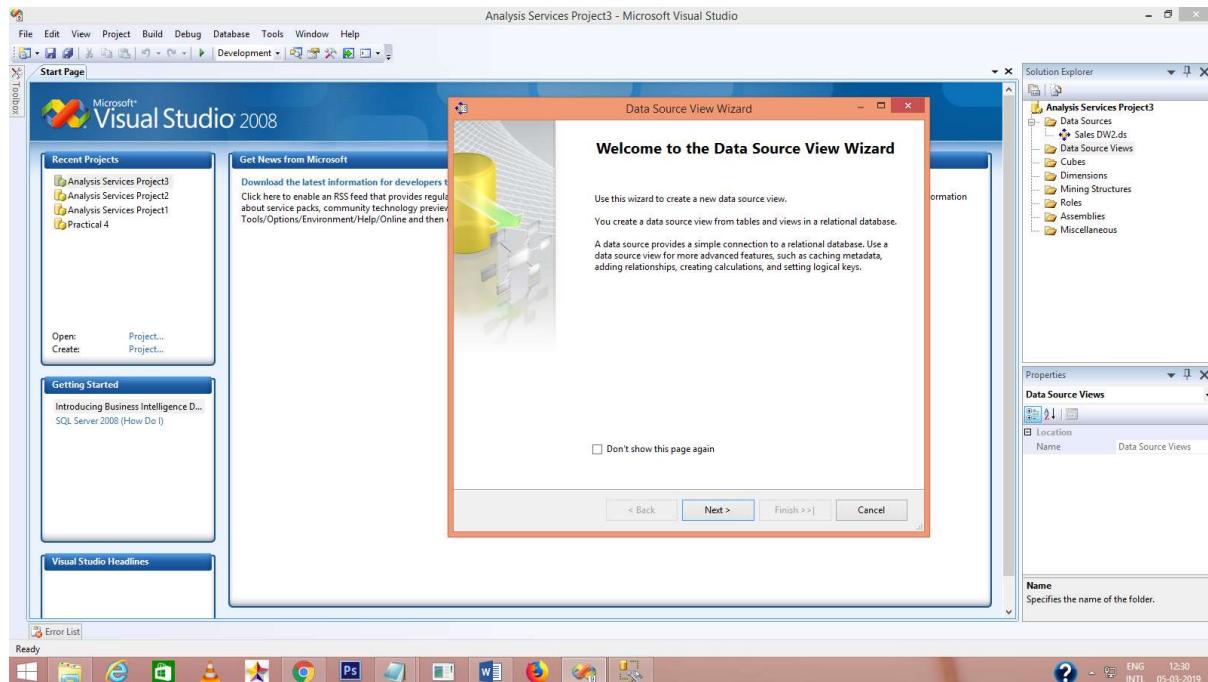
Step 8. Assign Data Source Name -> Click Finish.



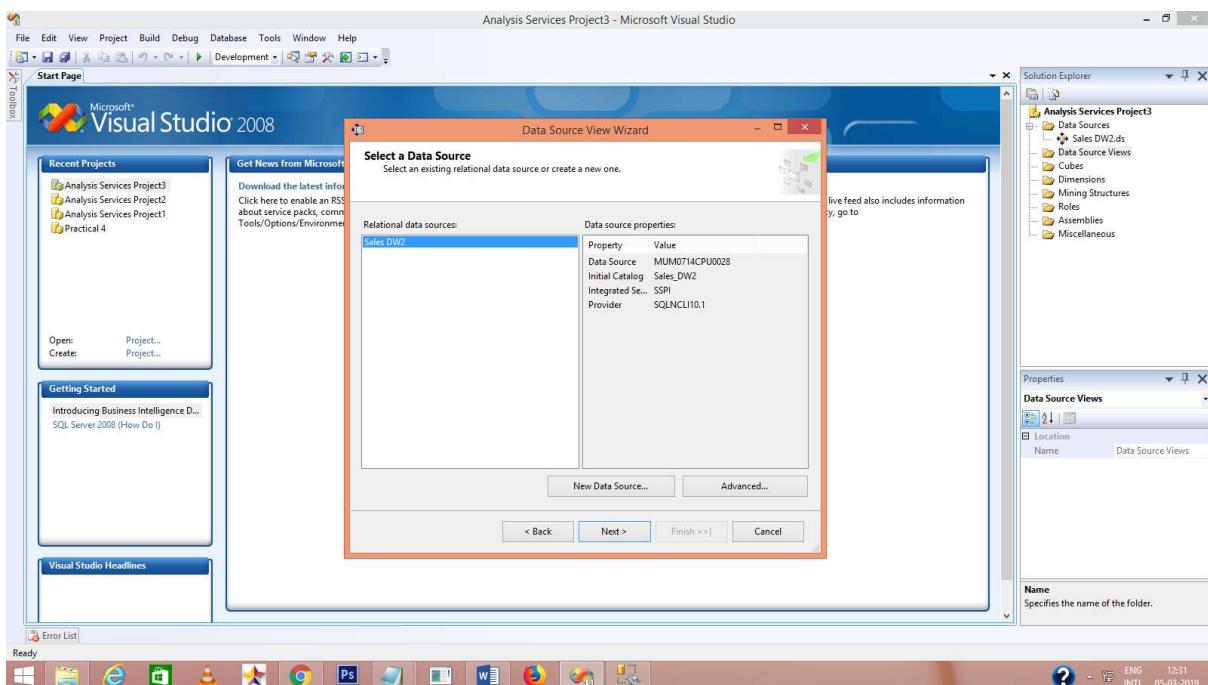
Step 9. In the Solution Explorer, Right Click on Data Source View -> Click on New Data Source View.



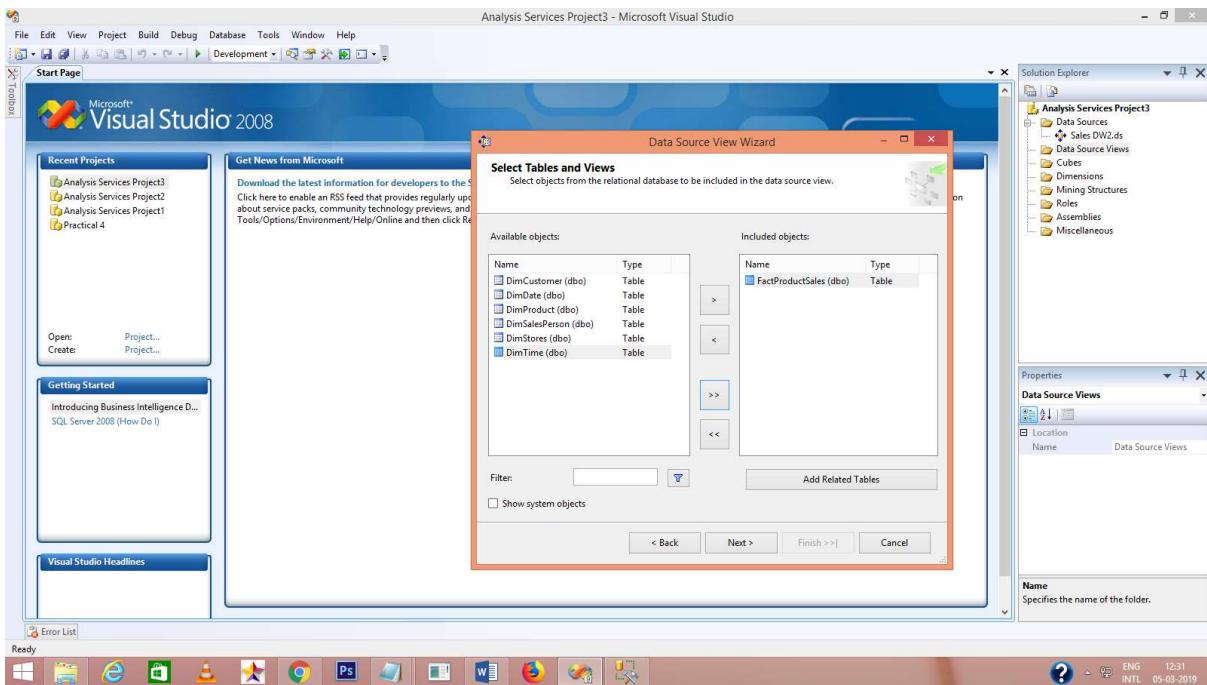
### Step 10. Click Next.



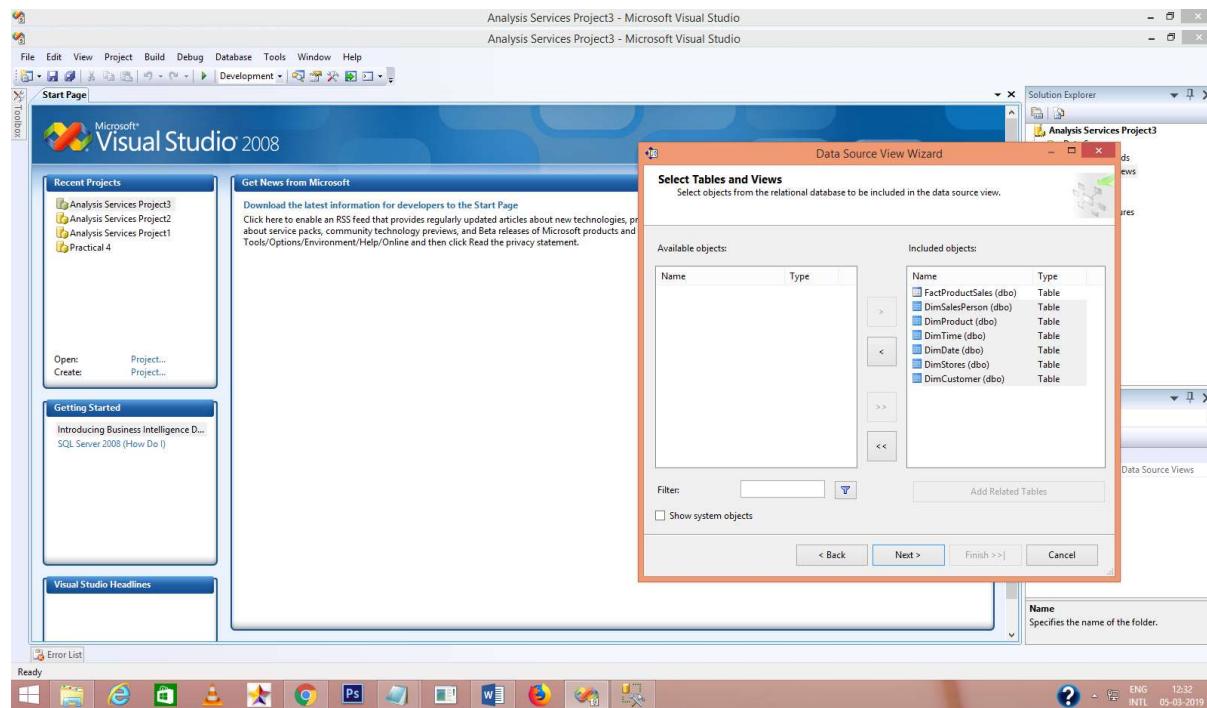
### Step 11. Select Relational Data Source we have created previously (Sales\_DW) -> Click Next.



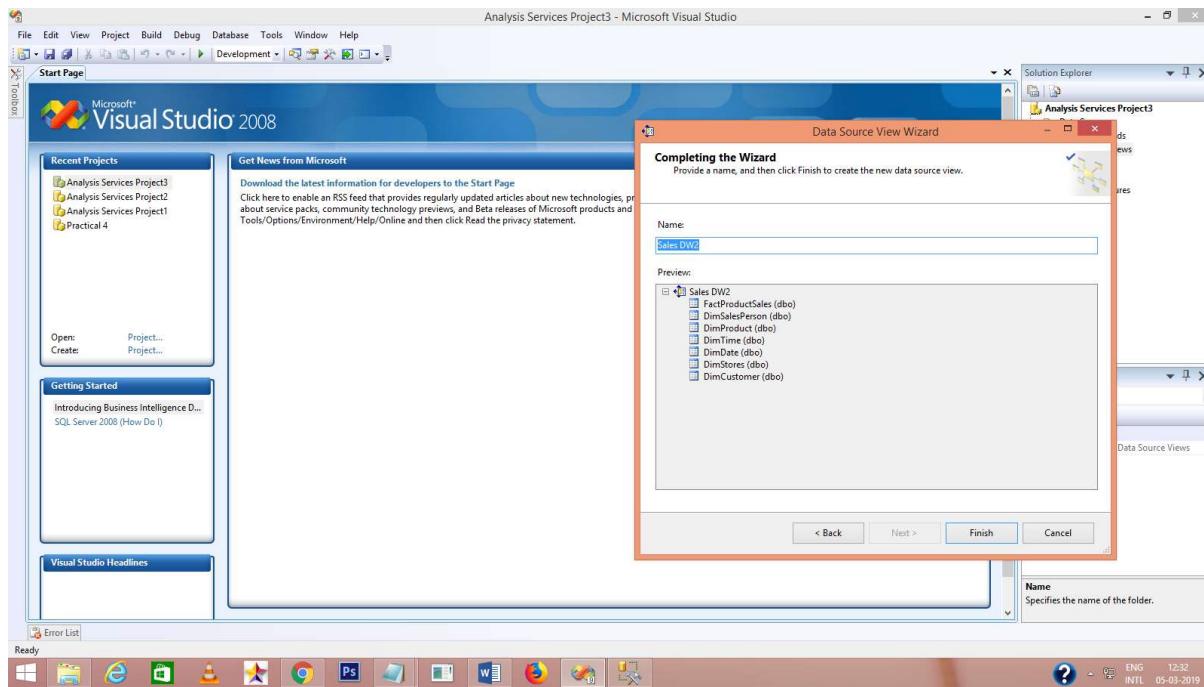
Step 12. First move your Fact Table to the right side to include in object list.



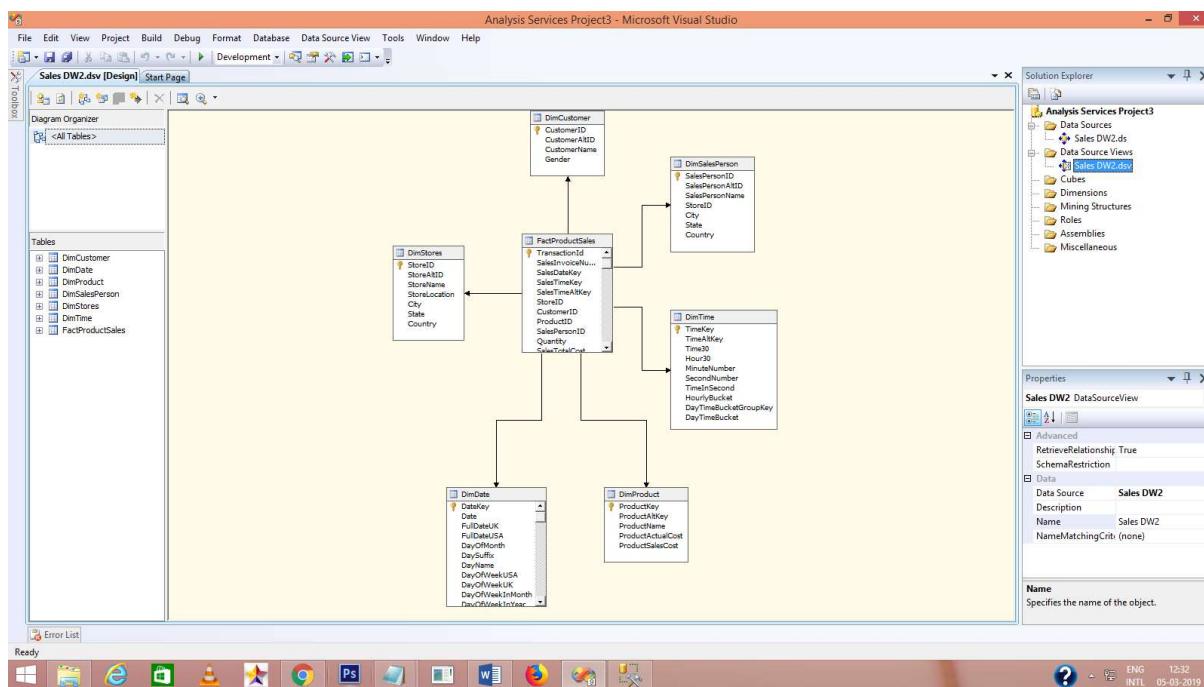
Step 13. Select Fact Table in Right Pane (Fact product Sales) -> Click On Add Related Tables.



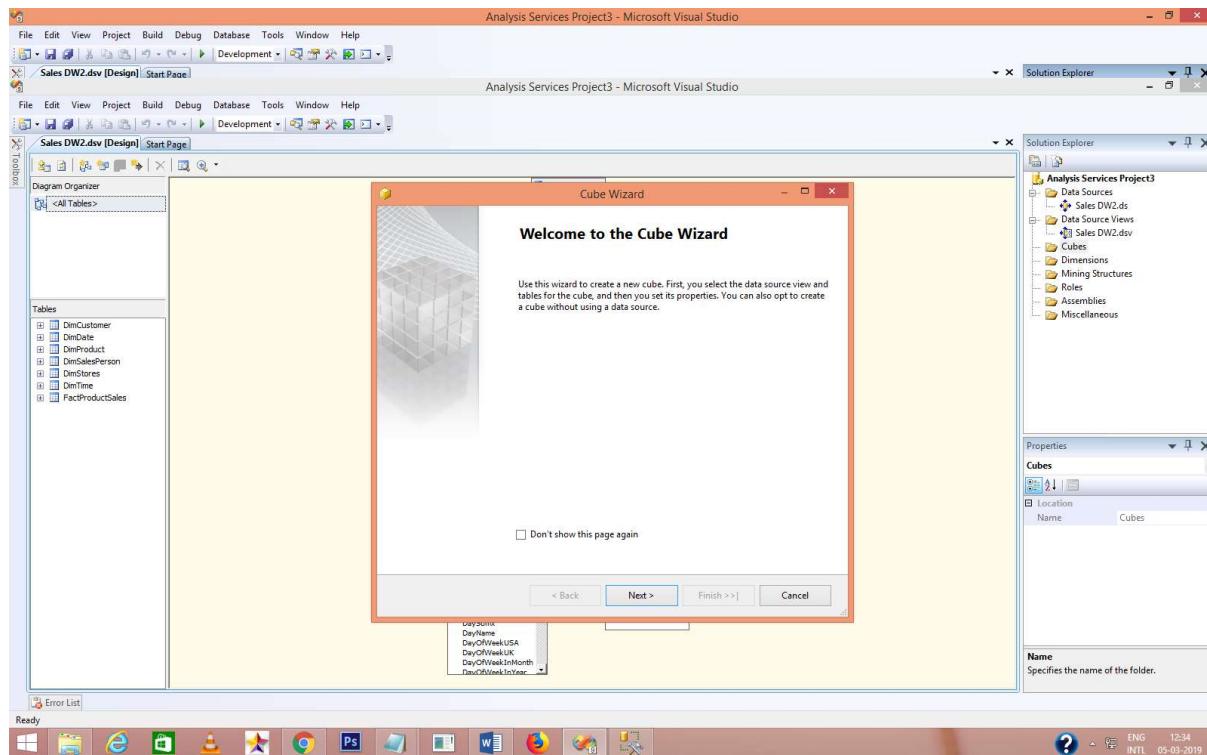
Step 14. Assign Name (SalesDW DSV)-> Click Finish.



Step 15. Now Data Source View is ready to use.

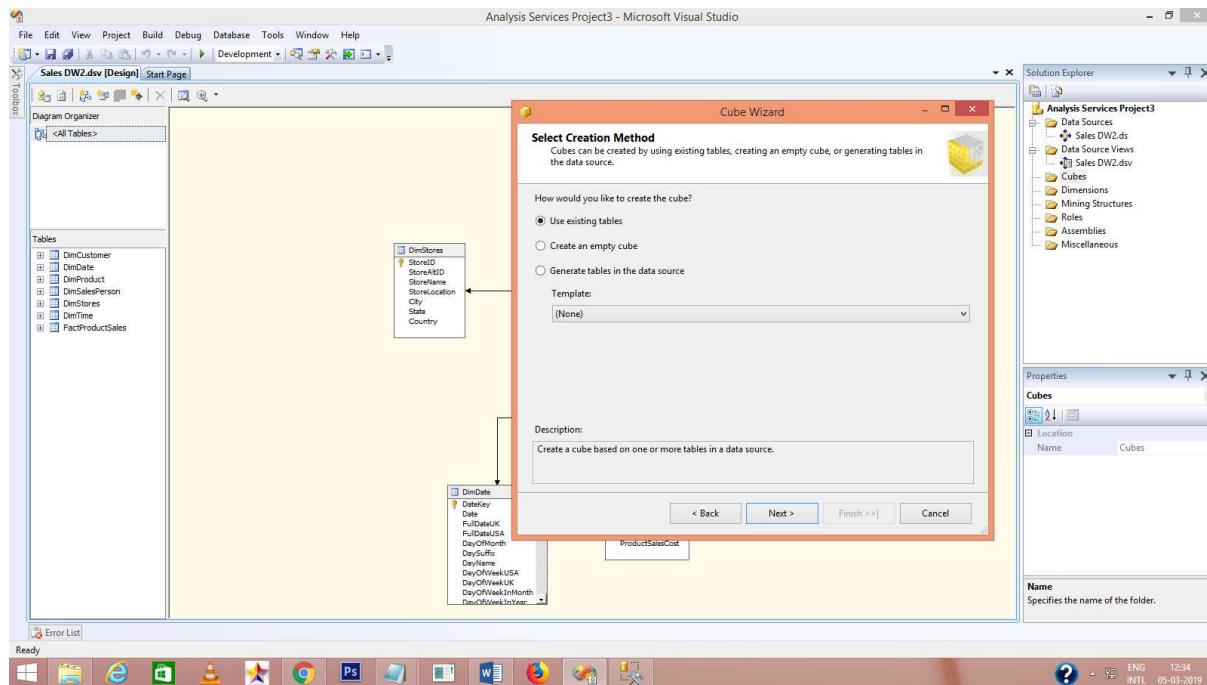


Step 16. In Solution Explorer -> Right Click on Cube-> Click New Cube.

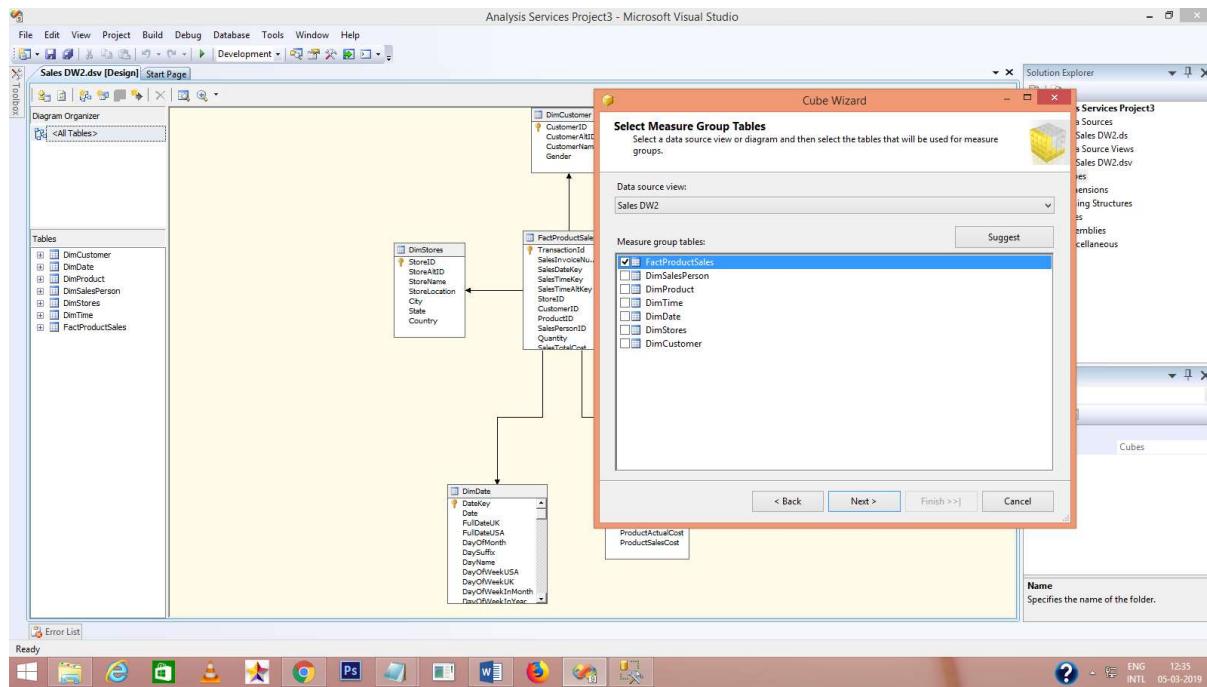


Step 17. Click Next.

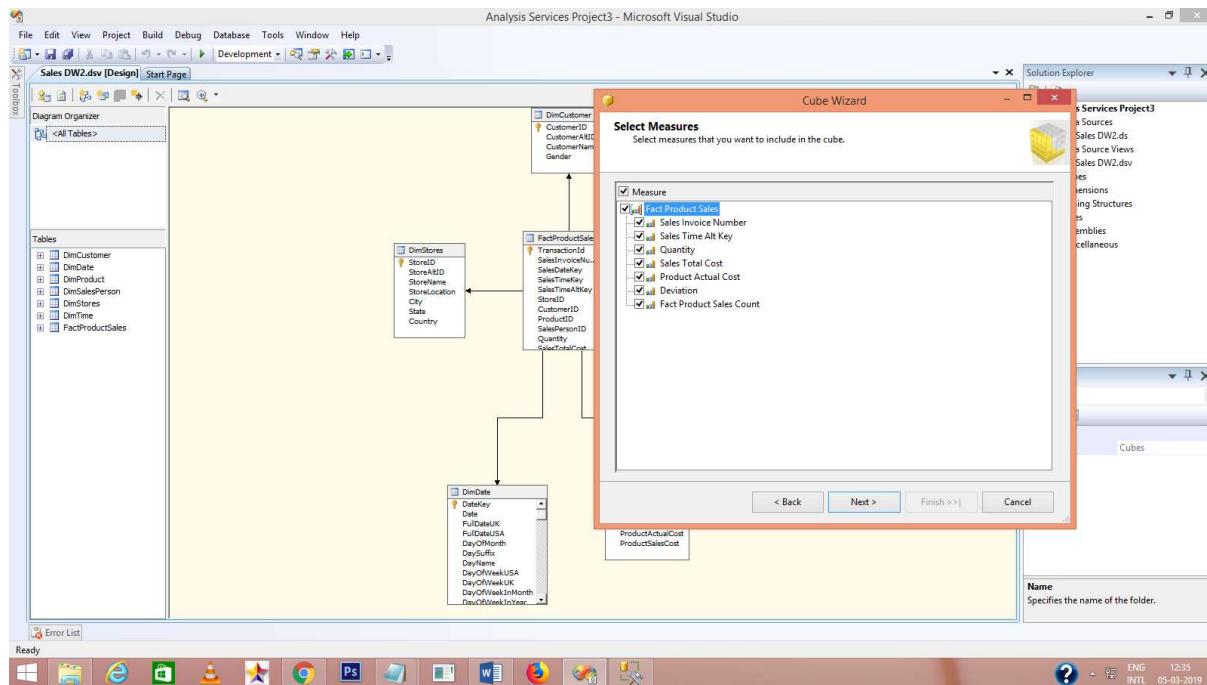
Step 18. Select Option Use existing Tables -> Click Next.



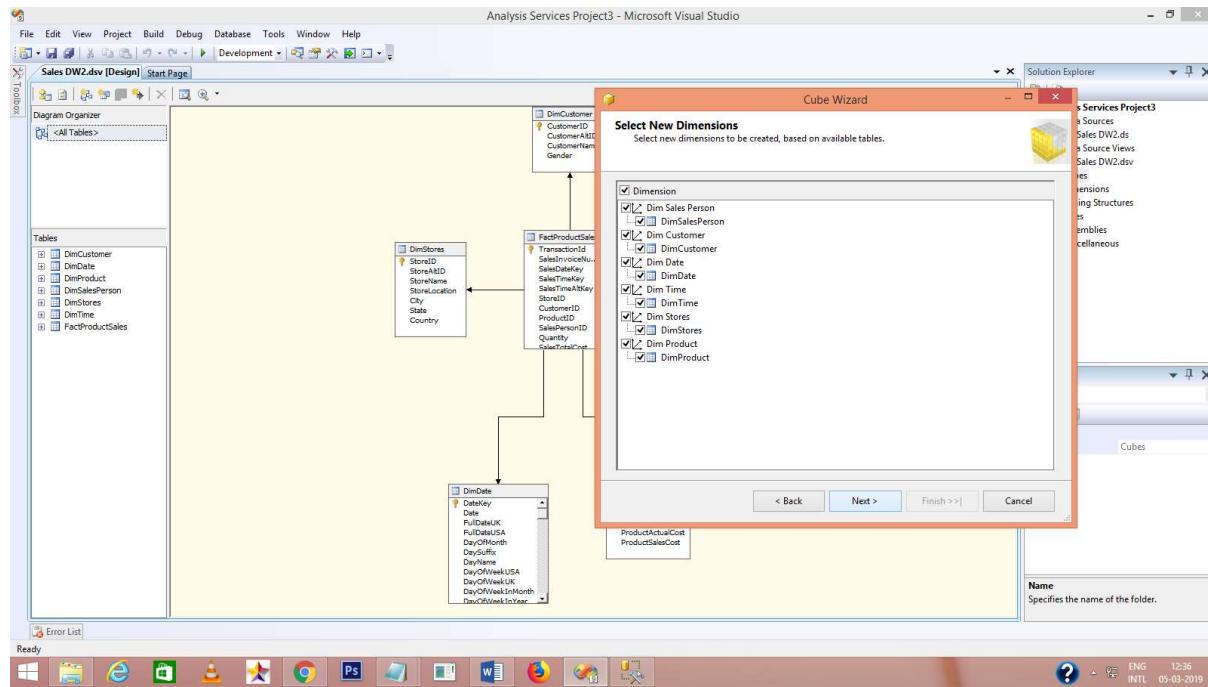
Step 19. Select Fact Table Name from Measure Group Tables (FactProductSales) -> Click Next.



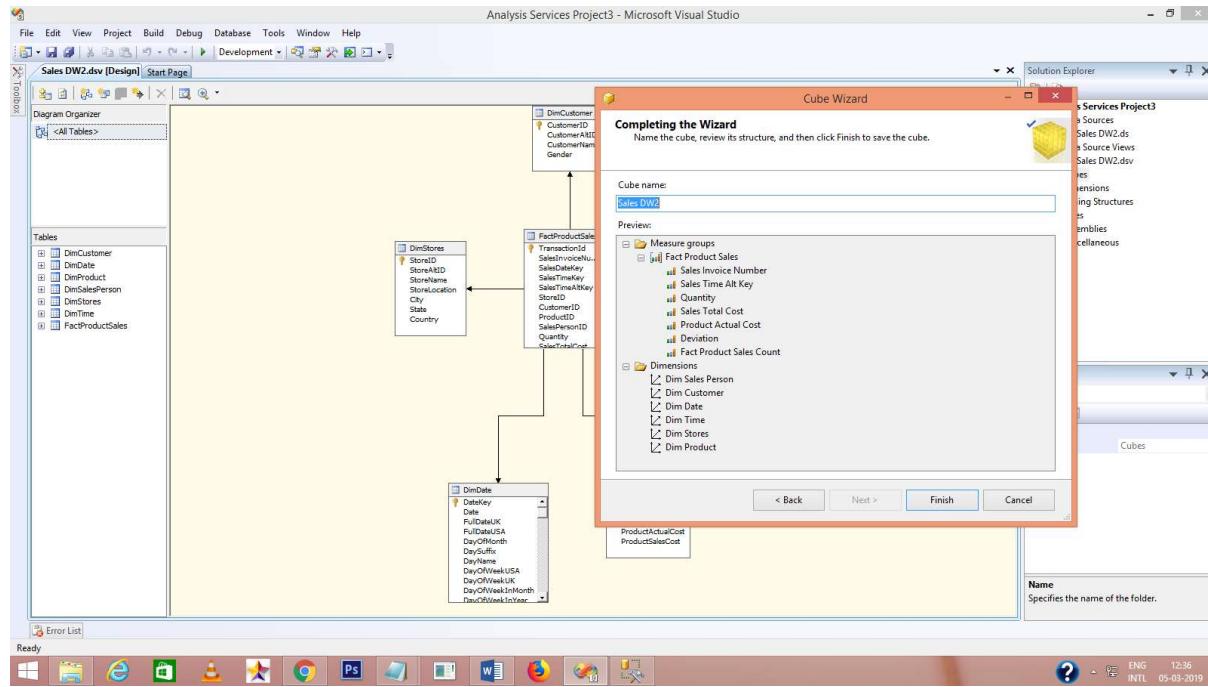
Step 20. Choose Measures from the List which you want to place in your Cube --> Click Next.



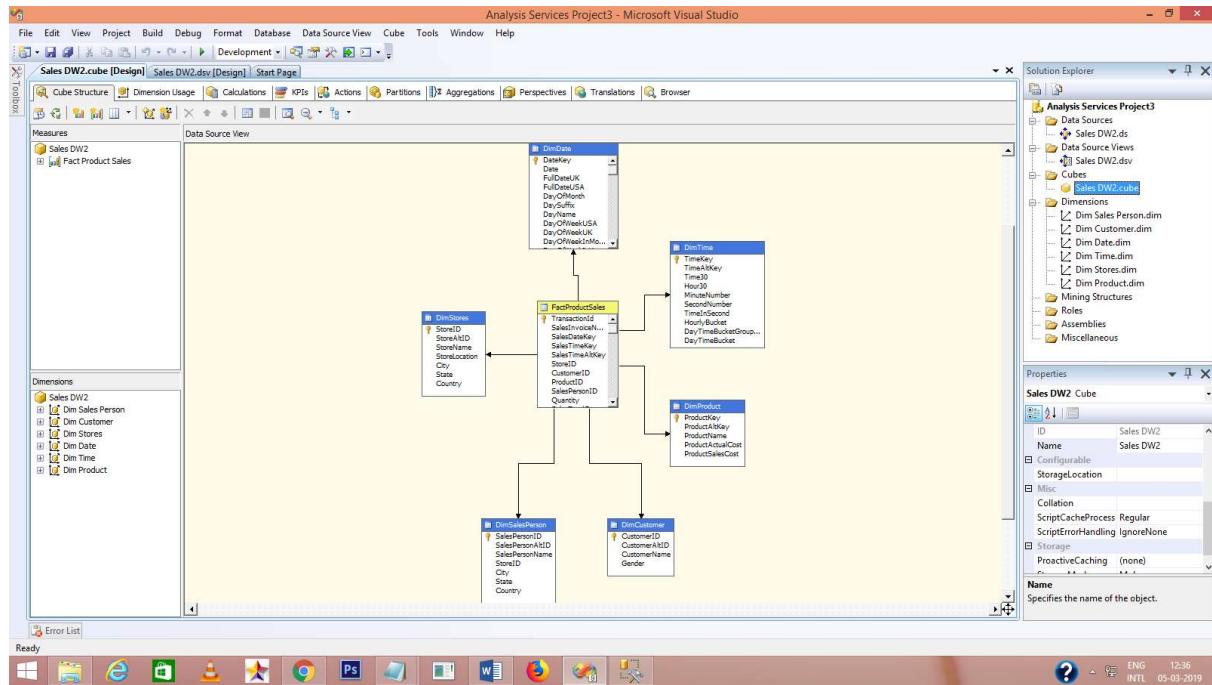
Step 21. Select All Dimensions here which are associated with your Fact Table-> Click Next.



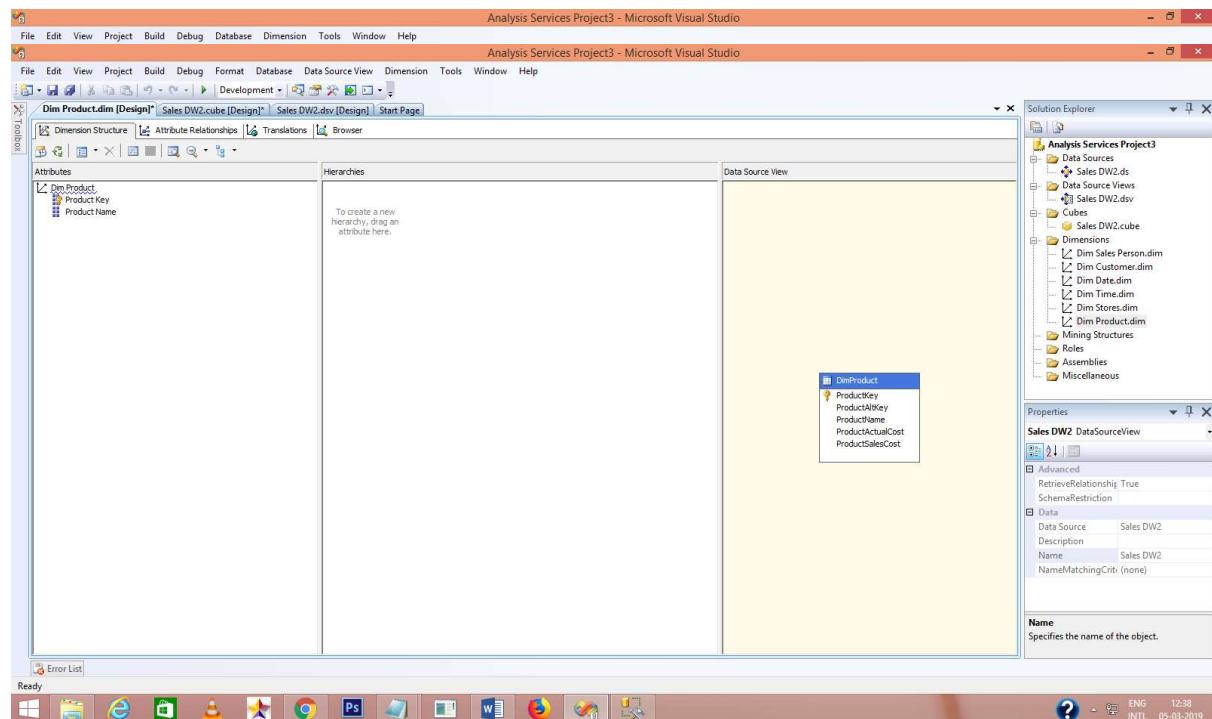
Step 22. Assign Cube Name (SalesDW2) -> Click Finish.



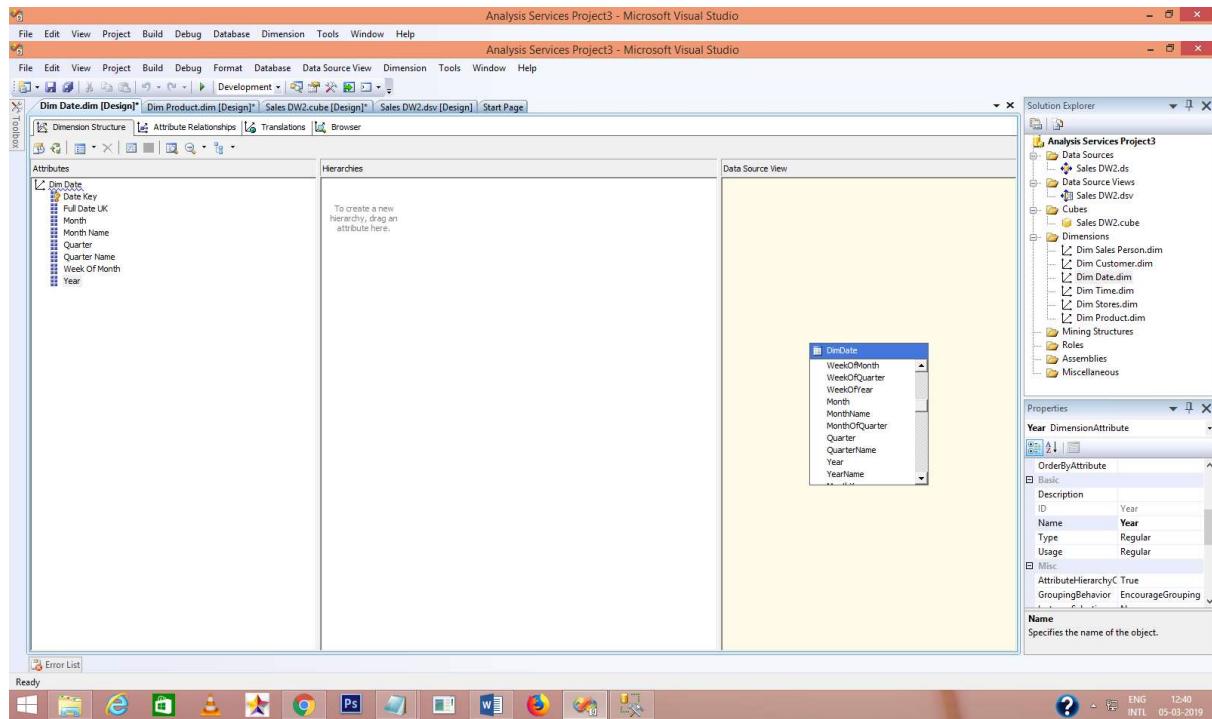
Step 23. Now your Cube is ready, you can see the newly created cube and dimensions added in your solution explorer.



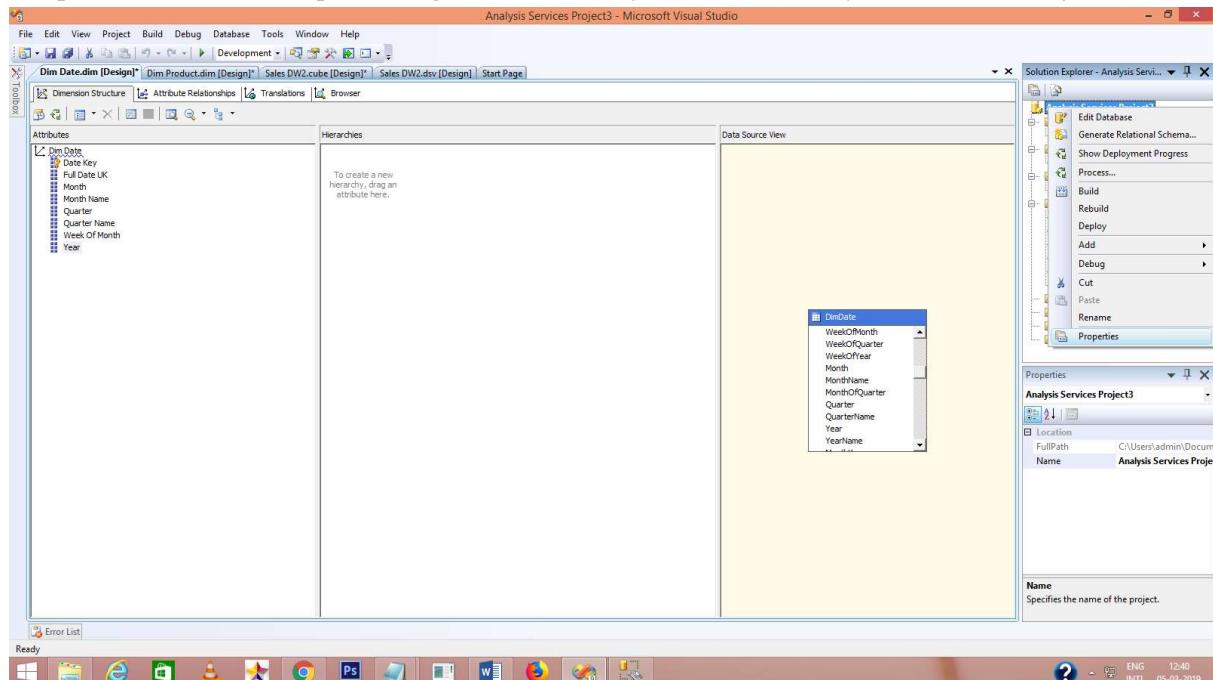
Step 24. In Solution Explorer, double click on dimension Dim Product -> Drag and Drop Product Name from Table in Data Source View and Add in Attribute Pane at left side.



Step 25. Double click On Dim Date dimension -> Drag and Drop Fields from Table shown in Data Source View to Attributes-> Drag and Drop attributes from leftmost pane of attributes to middle pane of Hierarchy.

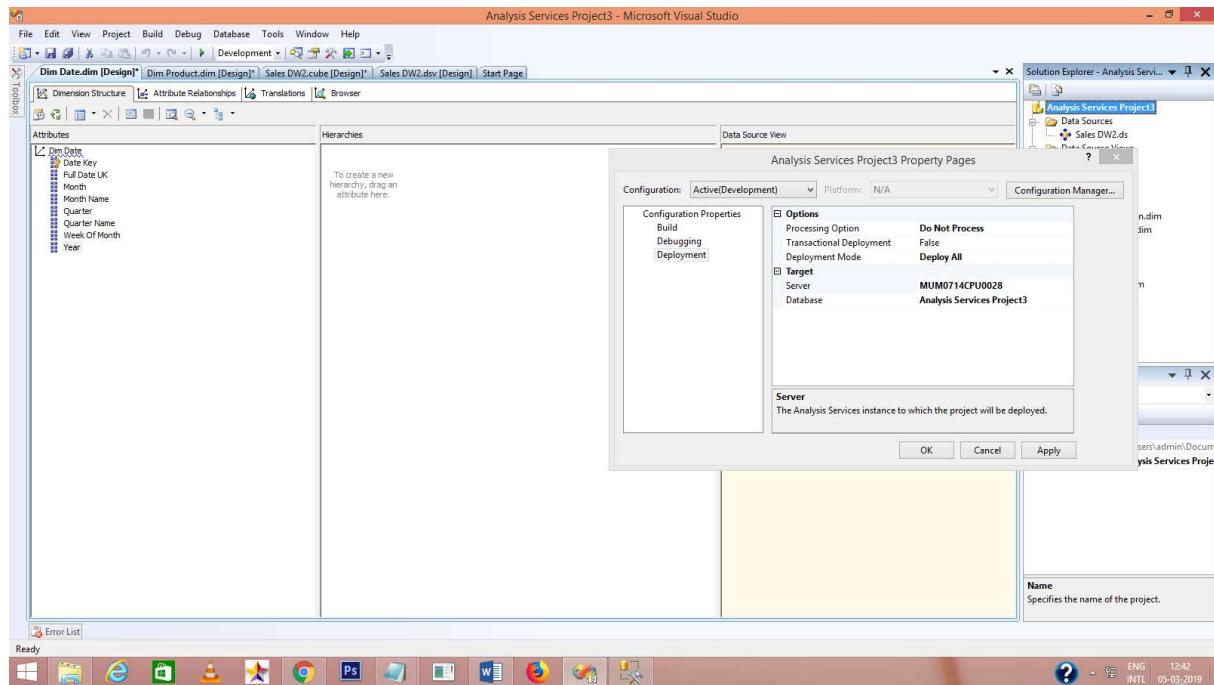


Step 26. In Solution Explorer, right click on Project Name (Analysis Services Project3) -->

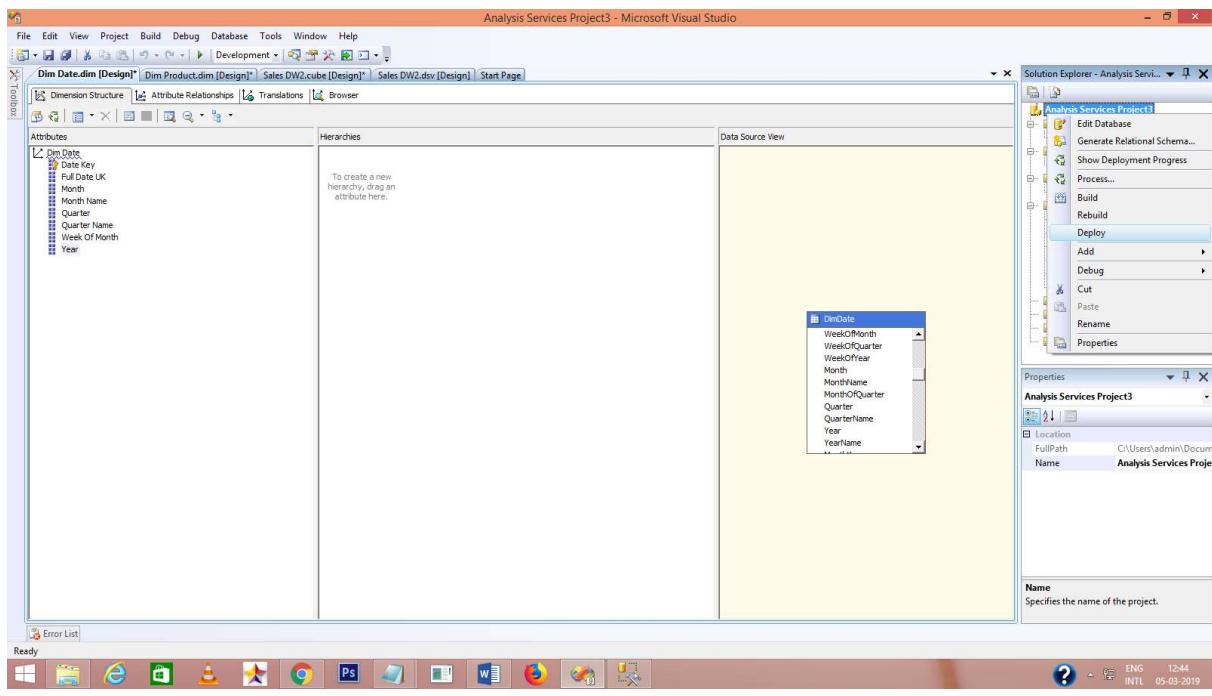


Click Properties.

Step 27.In Configuration Properties, Select Deployment-> Assign Your SQL Server Instance Name Where Analysis Services Is Installed (*mubin-pc\fairy*) (*Machine Name\Instance Name*) -> Choose Deployment Mode Deploy All as of now ->Select Processing Option Do Not Process -> Click OK.

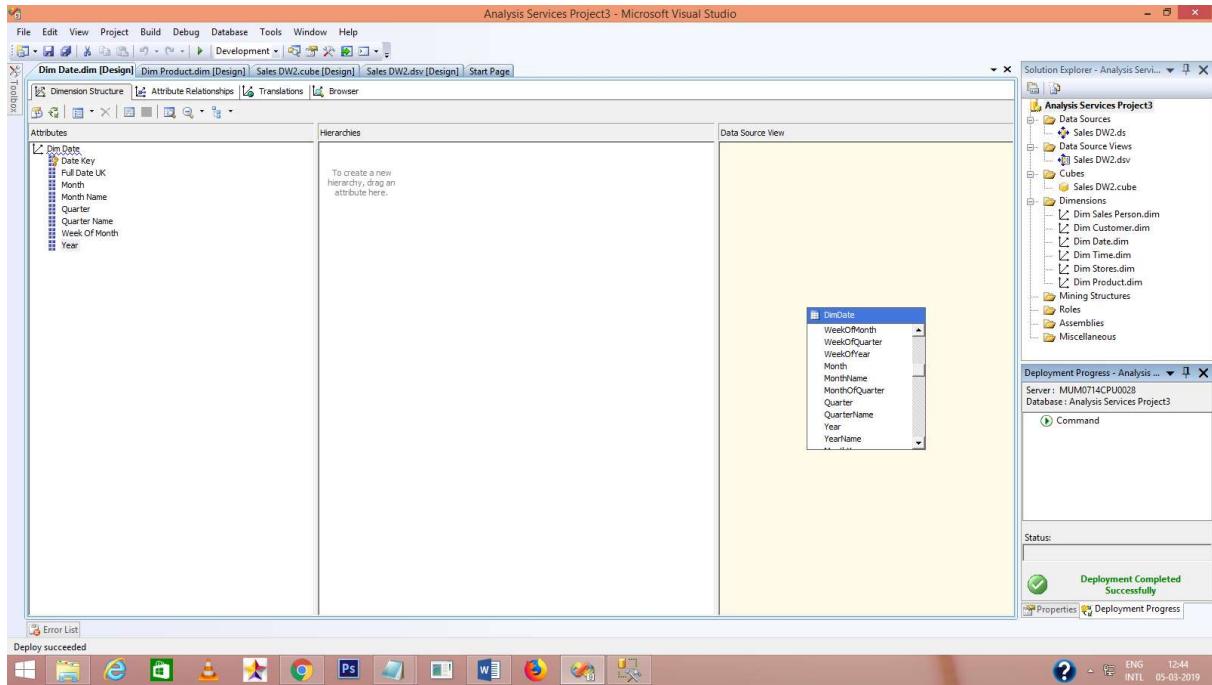


Step 28. In Solution Explorer, right click on Project Name (AnalysisServicesProject) -- >

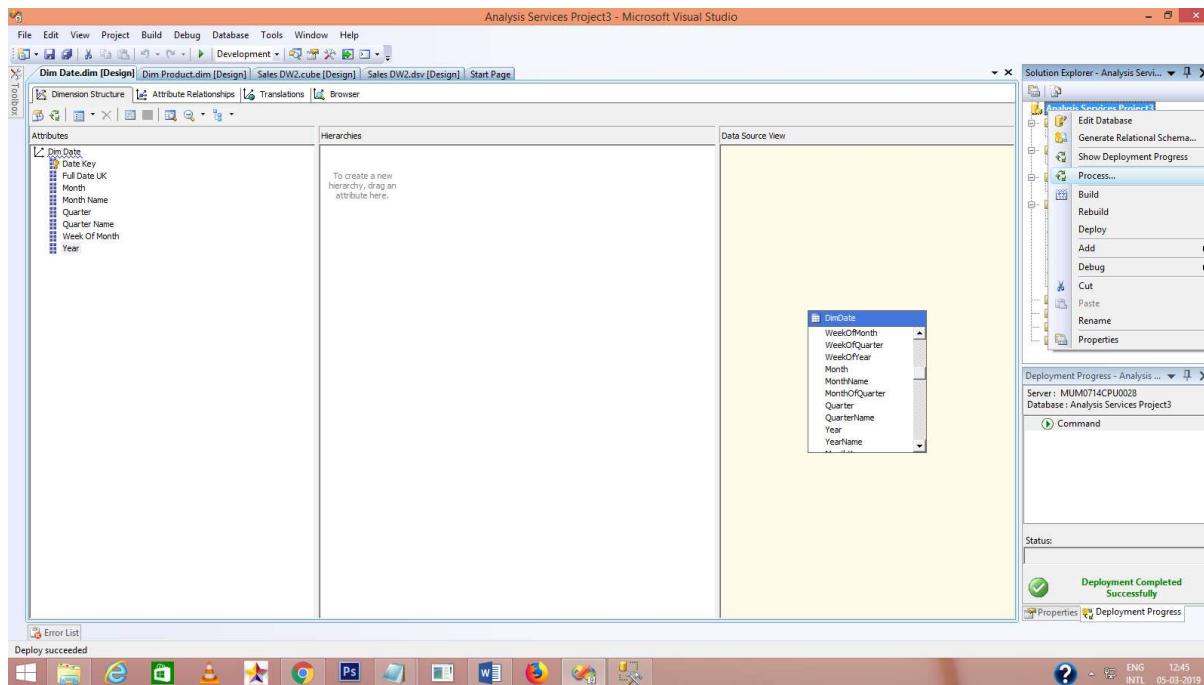


Click Deploy.

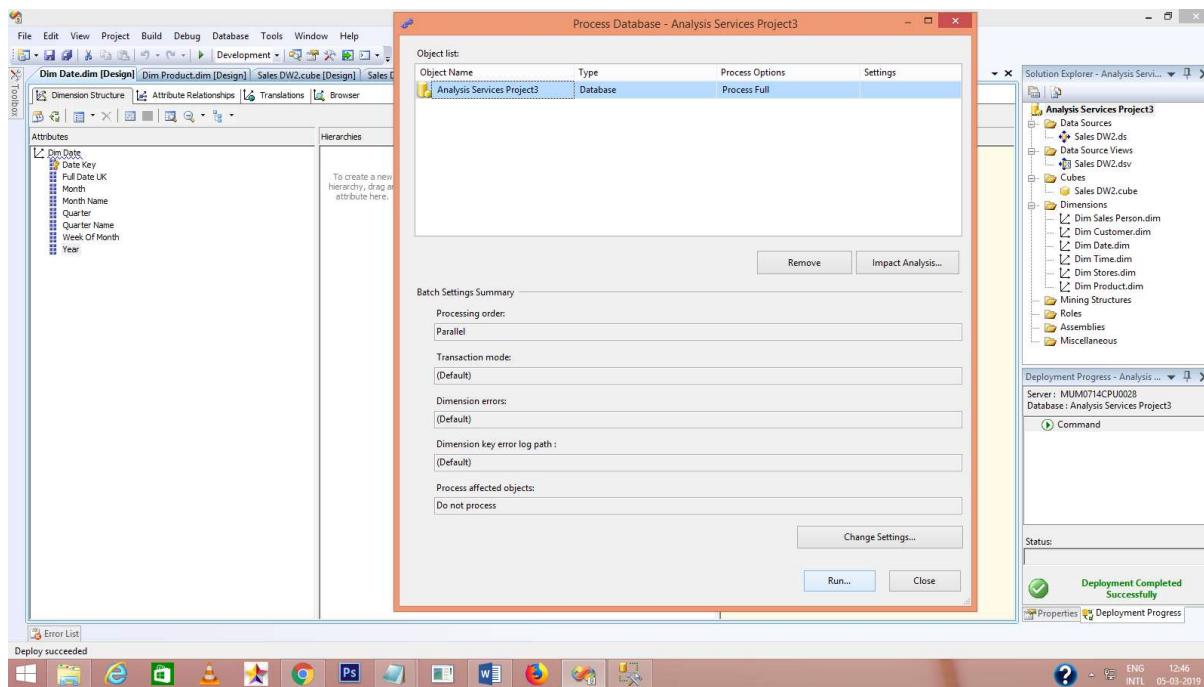
Step 29. Once Deployment will finish, you can see the message Deployment Completed in deployment Properties.



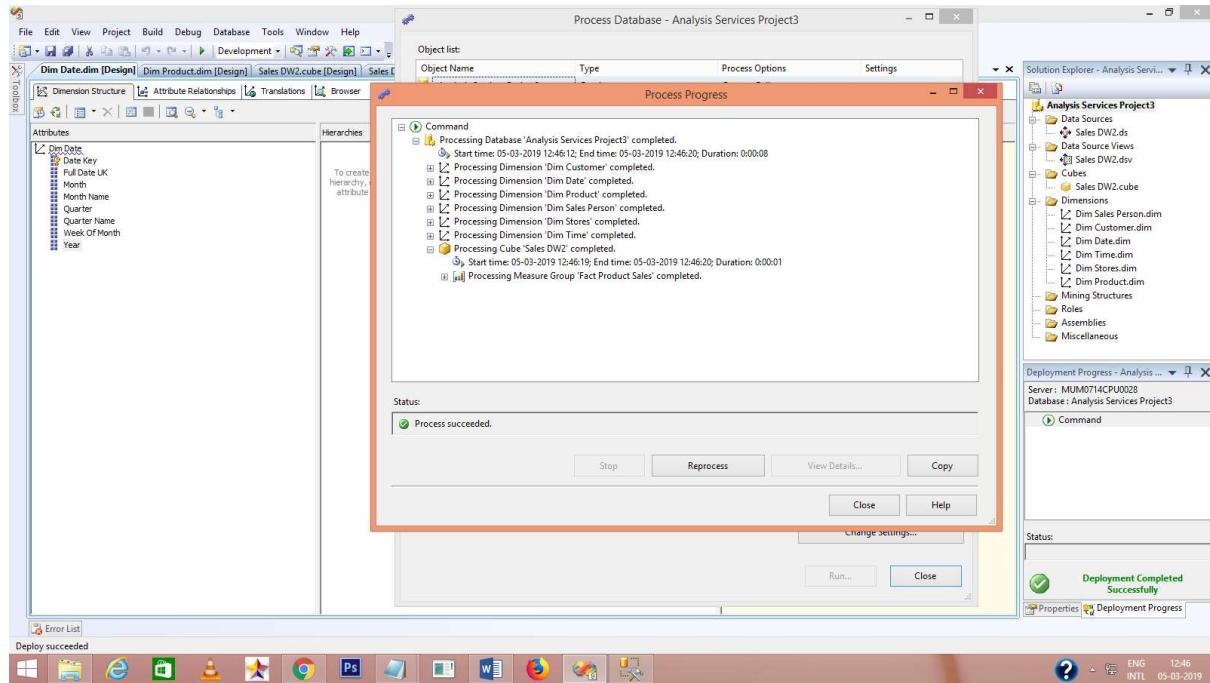
Step 30. In Solution Explorer, right click on Project Name (AnalysisServicesProject3) --> Click Process.



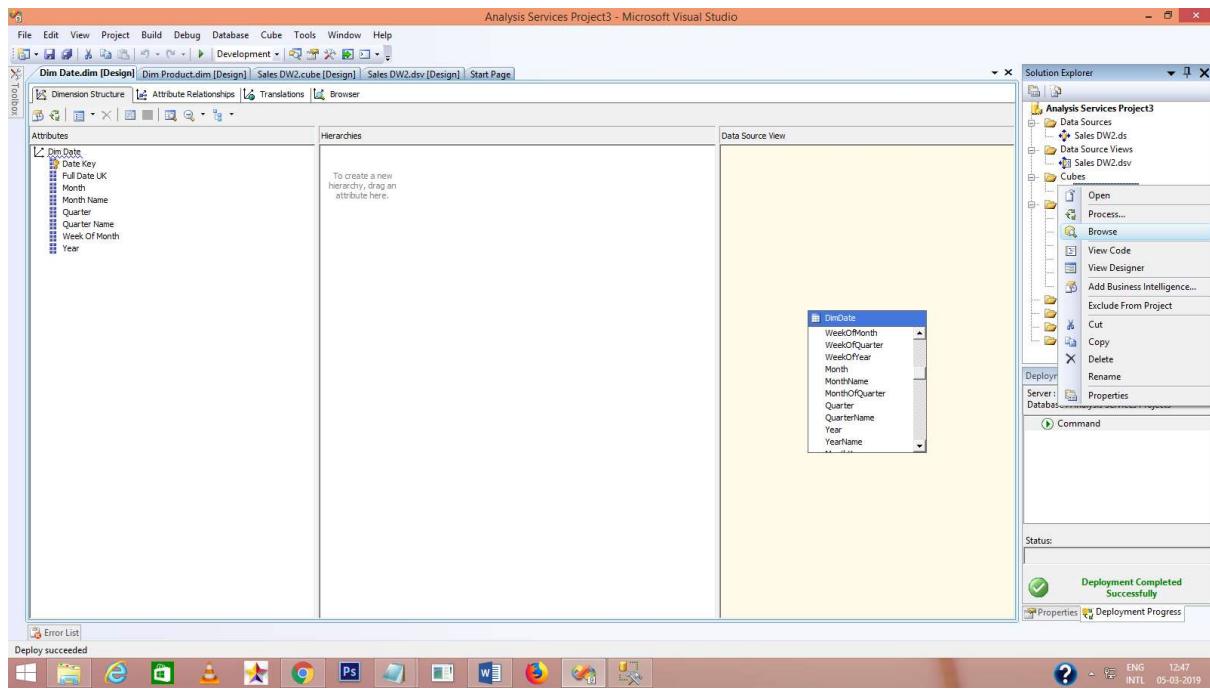
Step 31. Click on Run button to process the Cube.



Step 32. Once processing is complete, you can see Status as Process Succeeded -->Click Close to close both the open windows for processing one after the other.



Step 33. In Solution Explorer, right click on Cube Name (SalesDW2) --> Click Browse.



Step 34. Drag and drop measures in to Detail fields, & Drag and Drop Dimension Attributes in Row Field or Column fields.

