

DWDM Lab by Usman Shehzaib

Lab Task Week # 7. Cube Deployment

In this Week you will learn how to deploy Cube. Remember to start SSMS and SQL Server 2019 before you proceed.

Following tasks will be performed on a DSV which you have already created.

1. Click on New cube
2. Use existing tables and Factinternetsales, FactResellersales
3. Next from measures Select order quantity and sales amount and select same attributes from reseller sales table
4. Select all three dimensions
5. On next screen uncheck all dimensions
6. Save cube with a name and finish
7. Two fact tables are shown in yellow
8. Rename measures to Resellerorderquantity, Reseller salesamount
9. Process it and it will be shown on SQL analysis server instance and can be checked in Management studio
10. Go to Browser drag and drop sales amount in grid area also you can check by using different dimensions
11. Go to Dimension Usage Tab and check dimensions and measures where it shows how attributes are linked. Grey Box show there is no link
12. Also you can format measures go to properties of order quantity and in Format string put #,# it will display value as a thousand separator. Also for sales amount make it as \$#,# it will make it currencyamount.
13. Now Lets add a calculated member.
14. First add a new measure there are different aggregations possible
15. Lets keep it Sum and name it as TotalproductCost and rename it Cost amount
16. Add another measure as totalproductcost and rename it reseller cost amount
17. Add a new measure group and add Fact sales quota. Here you find 4 different measures just keep sales amountquota
18. Now we should have 3 different measure groups
19. Go to fact salesquota properties and make ignoreunrelateddimension to False this setting is done for null handling.
20. Process cube and browse it from SQL server. Here evaluate different measures
21. Now add calculations. For this go to calculation tab make a new calculation and name it TotalSalesAmount
22. In Expression field put
[Measures] . [sales Amount] + [Measures] . [ResellerSalesAmount]
23. Set formattings as per choice

24. Same way we can add another measure.