

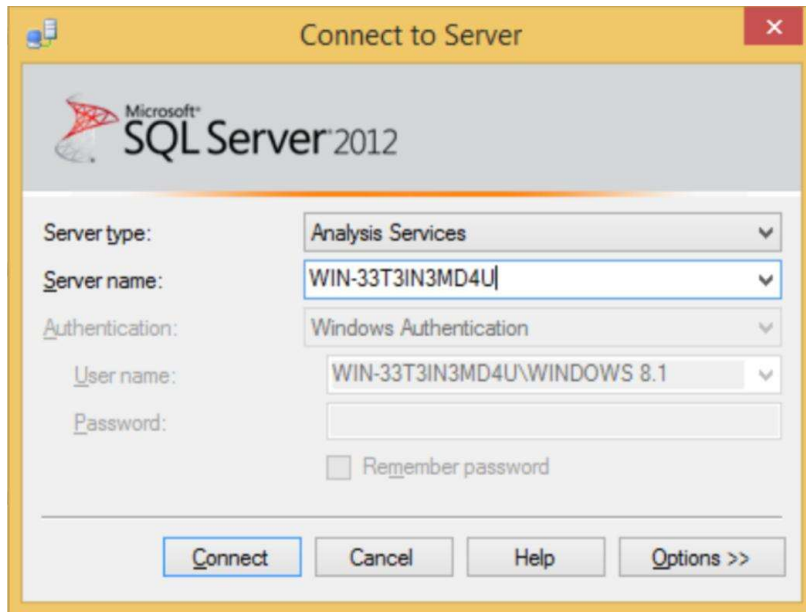
Step 27: Here we just want to display the State Codes data from the entire table so we drop down click and select only that column.

The screenshot shows the Power Query Editor interface. The main window displays a table with columns: Health care quality, Taxes, Weather, Well-being, New Rank, and Codes and abbreviations for U S states, federal district, territories, and other. The 'Expand' dialog box is open, showing the 'Expand' tab. The 'Search Columns to Expand' field is empty. The 'Expand' section has 'Select All Columns' checked. The 'Use original column name as prefix' checkbox is also checked. The 'OK' button is highlighted.

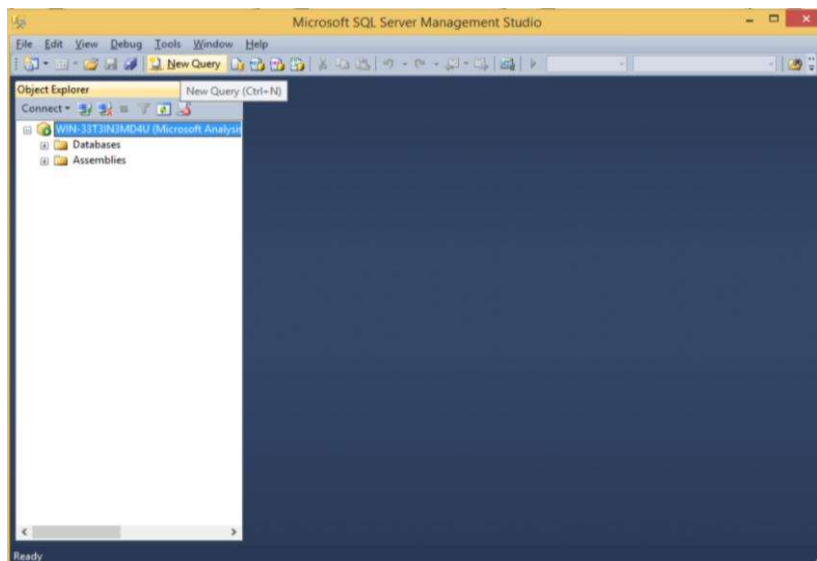
The screenshot shows the Power Query Editor interface after the 'Expand' step. The main window displays a table with columns: Crime, Culture, Health care quality, Taxes, Weather, Well-being, New Rank, and StateCodes. The 'Rename Columns' dialog box is open, showing the 'Rename Columns' tab. The 'Search Columns to Rename' field is empty. The 'Rename Columns' section has 'Select All Columns' checked. The 'Use original column name as prefix' checkbox is also checked. The 'OK' button is highlighted.

Practical 4(B): Execute the MDX queries to extract the data from the datawarehouse.

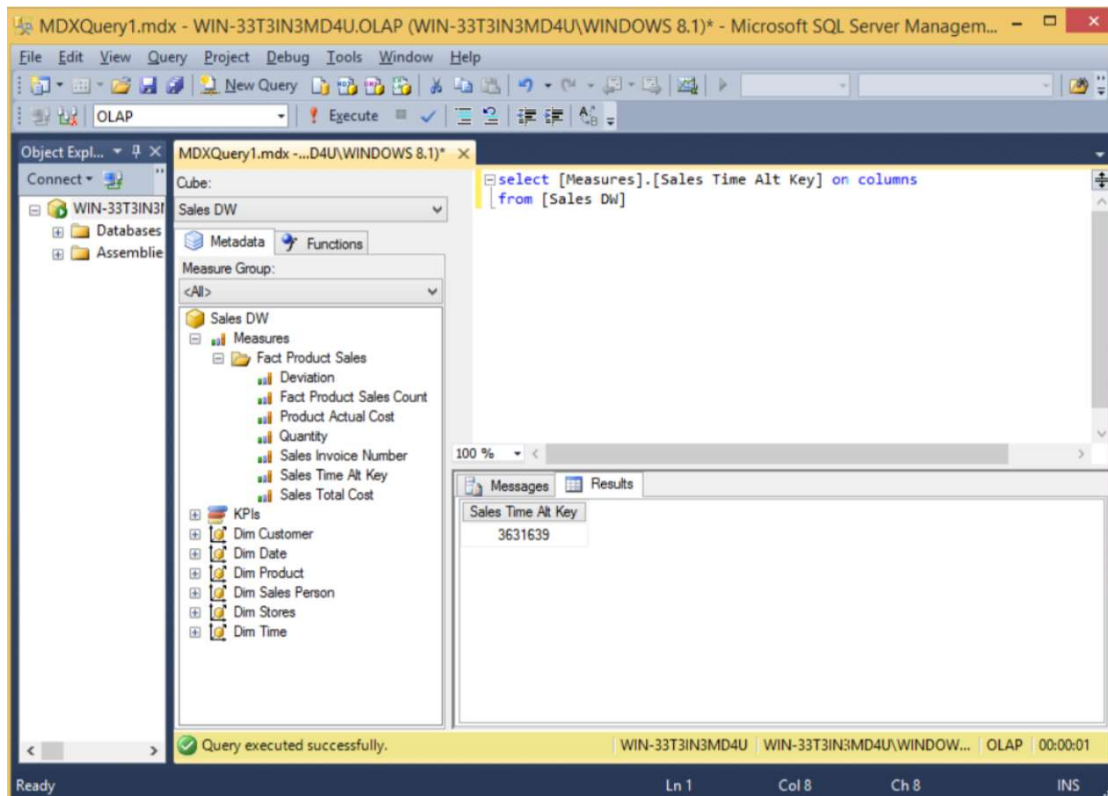
Step 1: Open SQL Server and connect to the server.



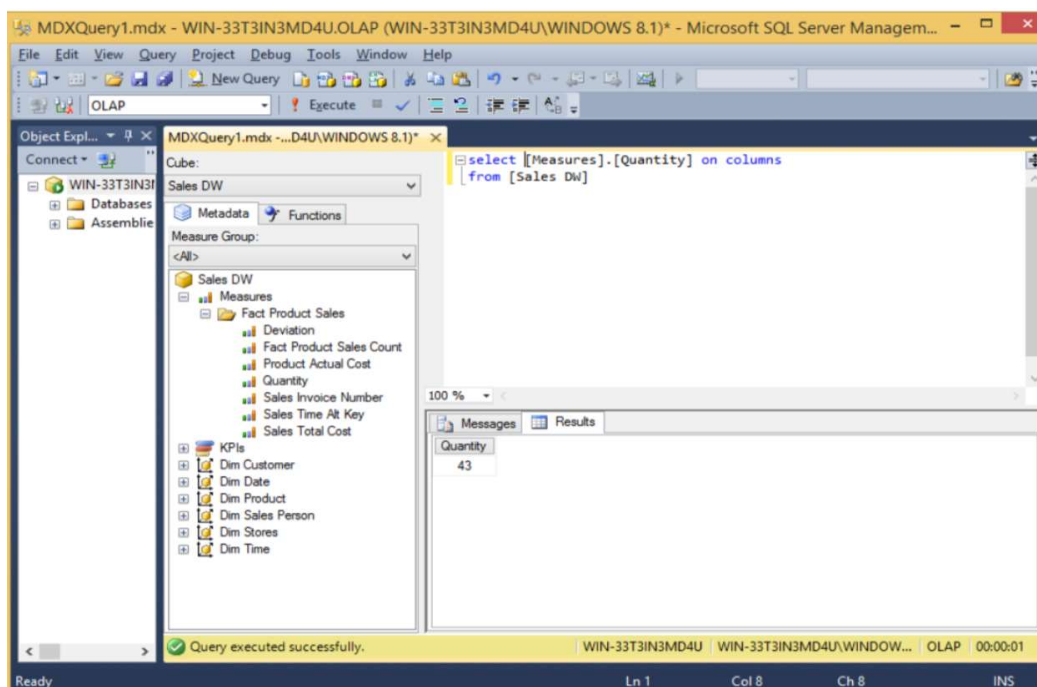
Step 2: Click on New Query & type following query based on Sales\_DW



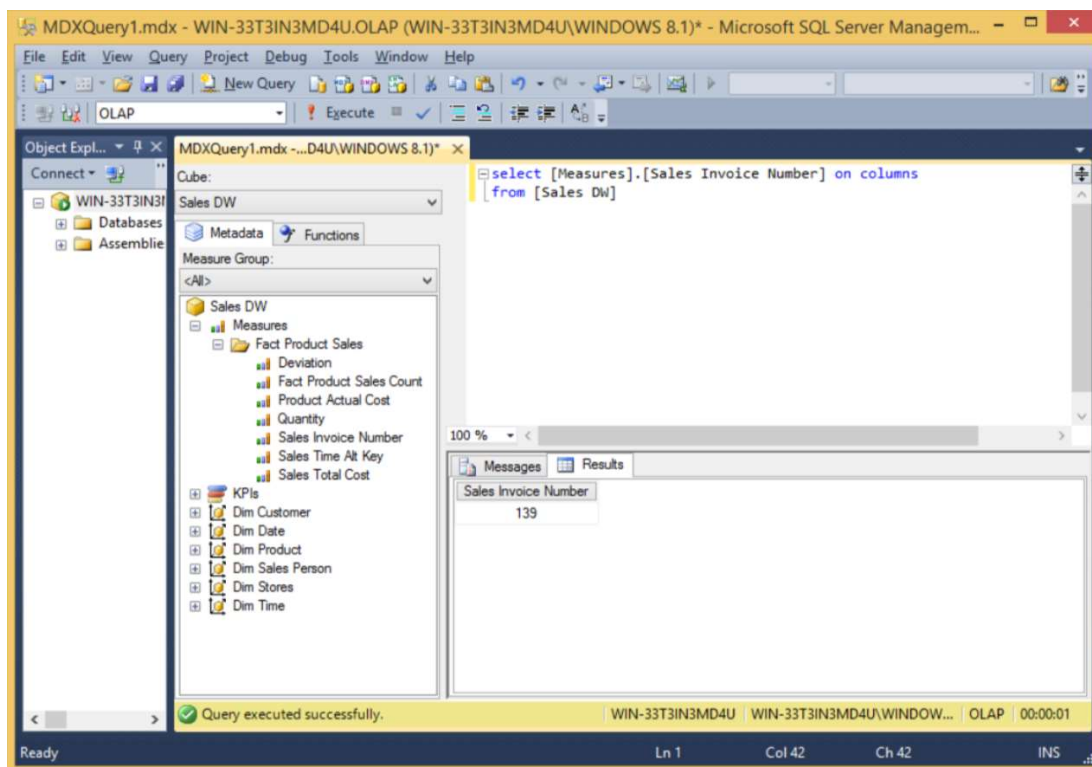
Step 3: select [Measures].[Sales Time Alt Key] on columns from [Sales DW] Click on execute



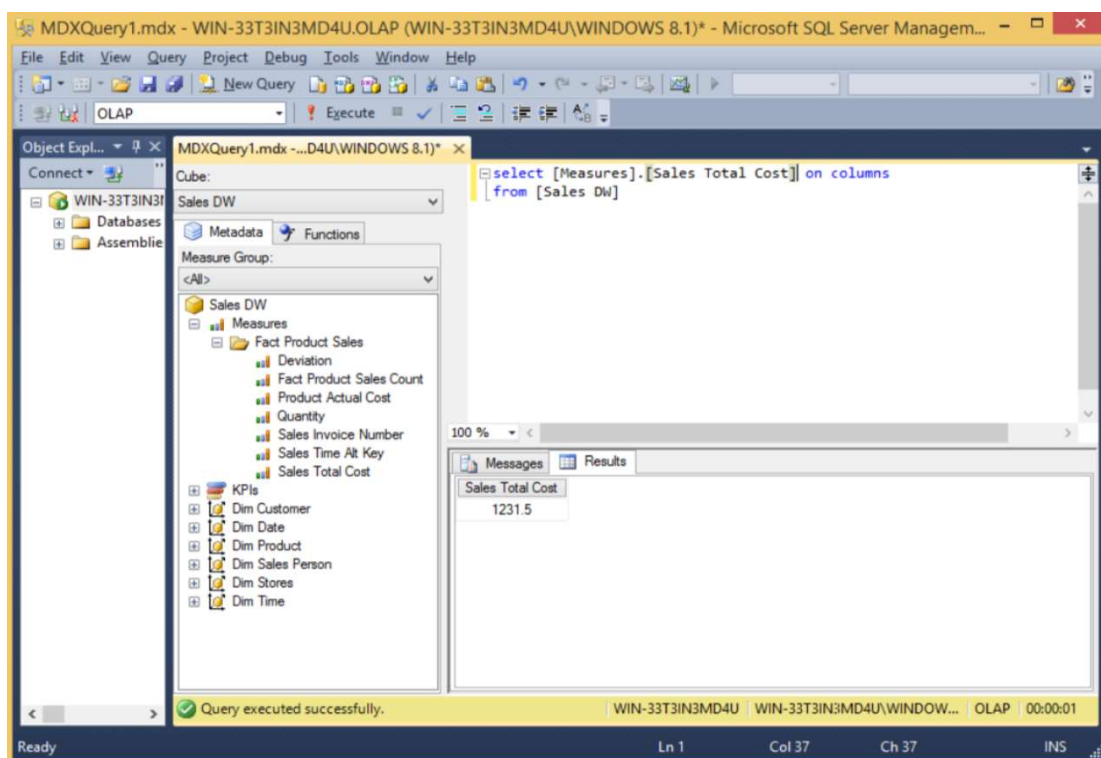
Step 4: select [Measures].[Quantity] on columns from [Sales DW]



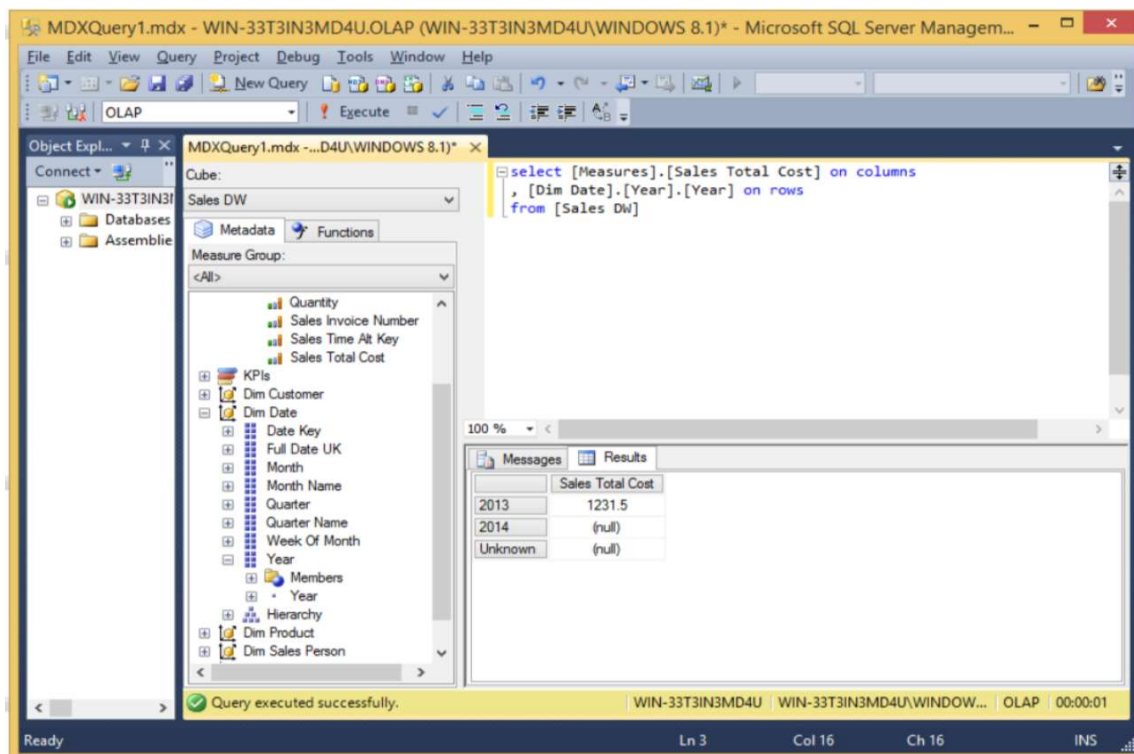
Step 5: select [Measures].[Sales Invoice Number] on columns from [Sales DW]



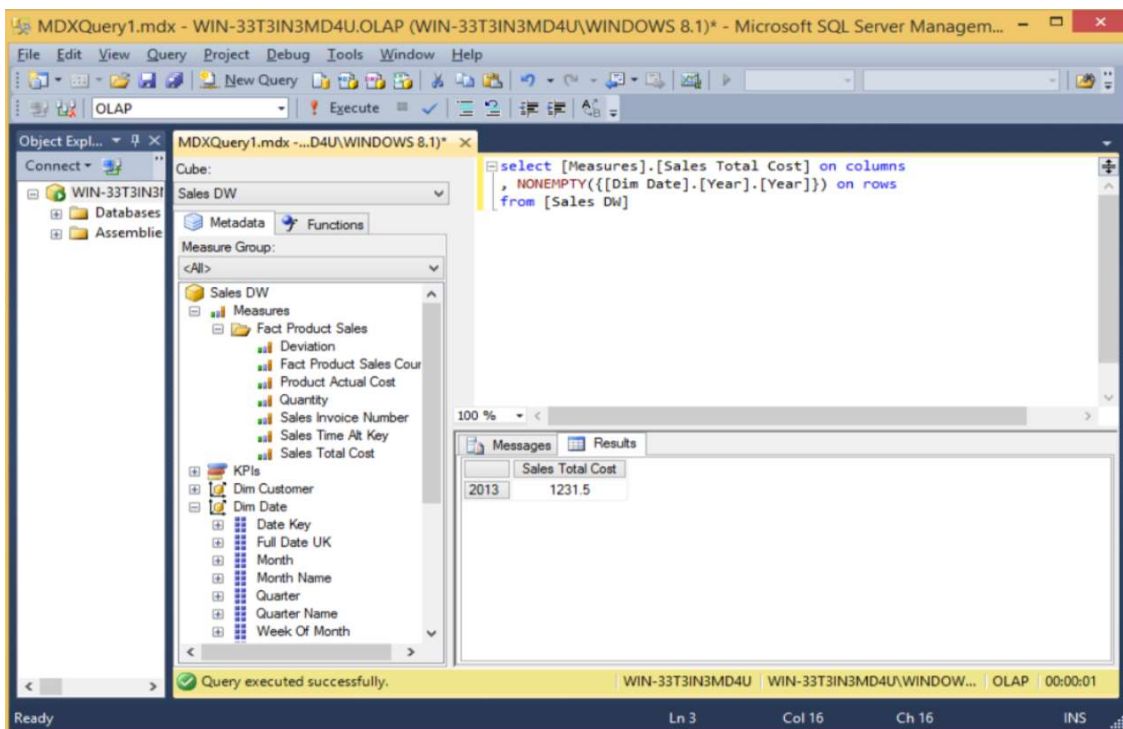
Step 6: select [Measures].[Sales Total Cost] on columns from [Sales DW]



Step 7: select [Measures].[Sales Total Cost] on columns , [Dim Date].[Year].[Year] on rows from [Sales DW]



Step 8: select [Measures].[Sales Total Cost] on columns , NONEMPTY({[Dim Date].[Year].[Year]}) on rows from [Sales DW]





Step 9: select [Measures].[Sales Total Cost] on columns from [Sales DW] Where [Dim Date].[Year].[Year].&[2013]

