Practice Activity Number 17

Let's create a brand new model using the PracticeActivityData workbook attached to this lecture.

Create a new file.

Go to File - Options - Options. Go to Current File - Data Load and ensure that "Import relationships from data sources on first load" and "Autodetect new relationships after data is loaded" is on.

Add the tables FactInternetSales, DimCustomer, DimGeography and DimSalesTerritory.

Have a look at the relationships.

If you have a relationship between DimSalesTerritory and FactInternetSales, delete that relationship.

Make sure all of the other relationships are Active.

Create a Table visualization, using:

SalesTerritoryGroup, SalesTerritoryCountry and SalesTerritoryRegion from the DimSalesTerritory table, and

Sum of "SalesAmount" (from the FactInternetSales table) as a Value.

Let's do this again, but creating the relationships manually.

Create a second new file.

Go to File - Options - Options and Settings. Go to Current File - Data Load and change "Import relationships from data sources on first load" and "Autodetect new relationships after data is loaded" to off.

Add the tables FactInternetSales, DimCustomer, DimGeography and DimSalesTerritory..

Add the following relationships:

DimCustomer to FactInternetSales using the CustomerKey field.

Drag the GeographyKey from the DimGeography table to the Gender field in the DimCustomer table.

Oops - made a mistake there. Can you alter the relationship so that it uses the Geography field in both tables?

DimSalesTerritory to DimGeography using the SalesTerritoryKey field.

Create a Table visualization, using:

SalesTerritoryGroup, SalesTerritoryCountry and SalesTerritoryRegion from the DimSalesTerritory table, and

Sum of "SalesAmount" (from the FactInternetSales table) as a Value.

Let's add another visualization. You can use either Power BI file that you have just created.

Create a Table visualization, using:

OrderDate (from FactInternetSales) and

Count of LastName (from DimCustomer). Make sure that you change the aggregation to a Count.

Oops - something has gone wrong! Can you identify what has gone wrong and correct it please.

Please save this file, as we will be using it in later Practice Activities in this Part 3.

Resources for this lecture