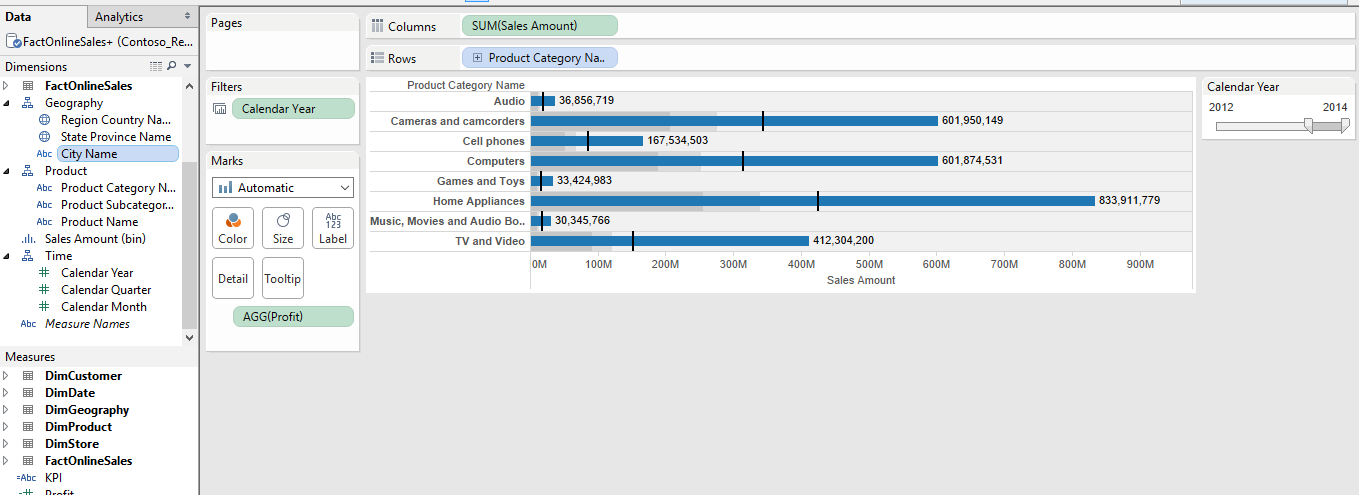
Online Sales analysis:

1. Plot of Profit and Sales amount against product category and calendar year as a global filter.

Note:

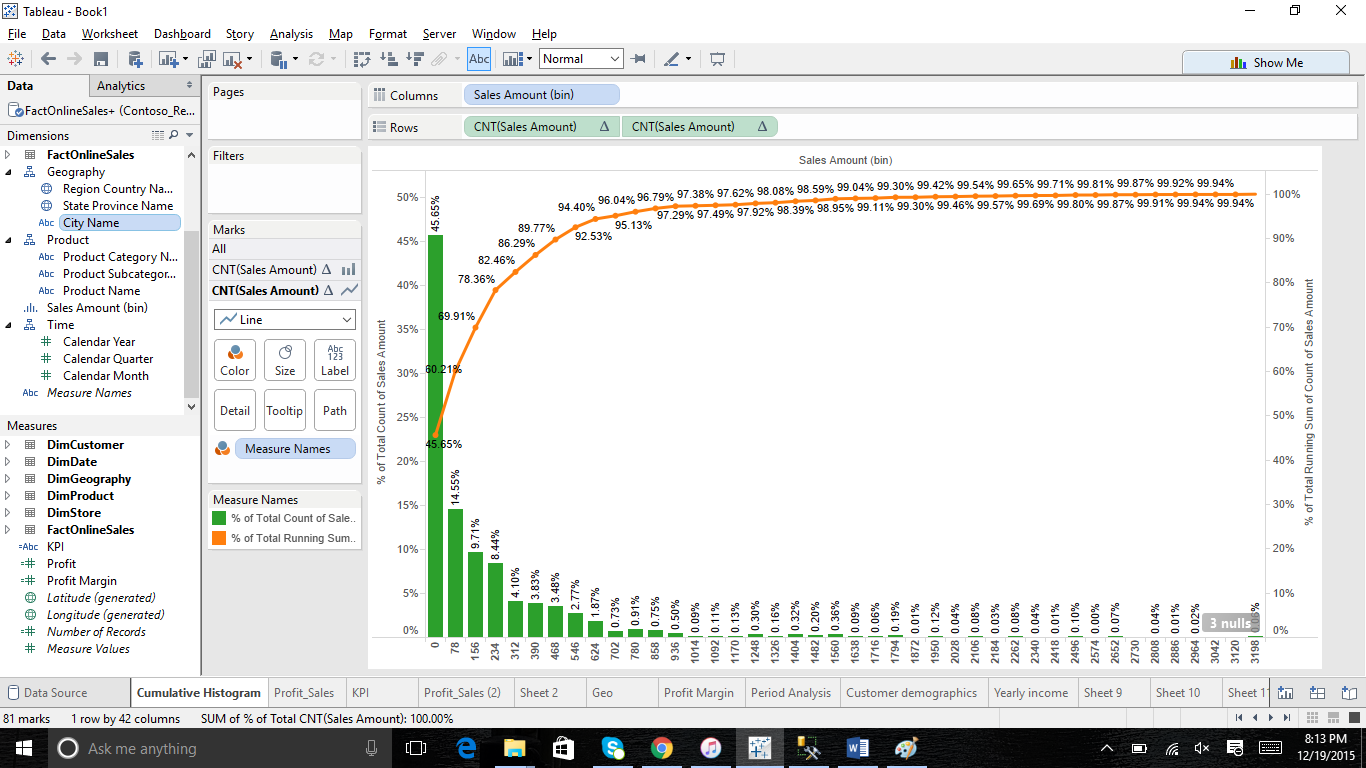
There are 3 types of dimension hierarchy: Product hierarchy, Geography and Time.

Measures are fact tables: FactOnlineSales, FactInventory and FactSales.

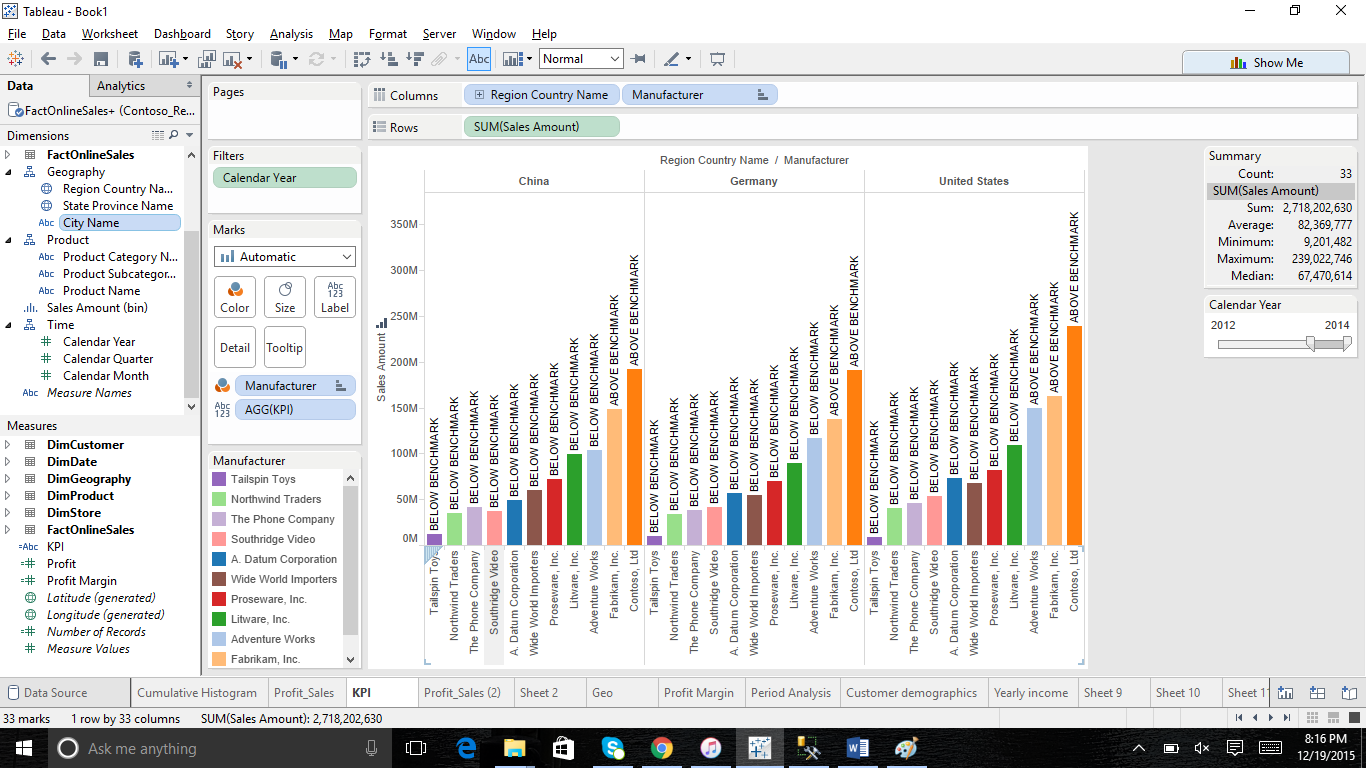


1. Cumulative histogram for the sales amount:

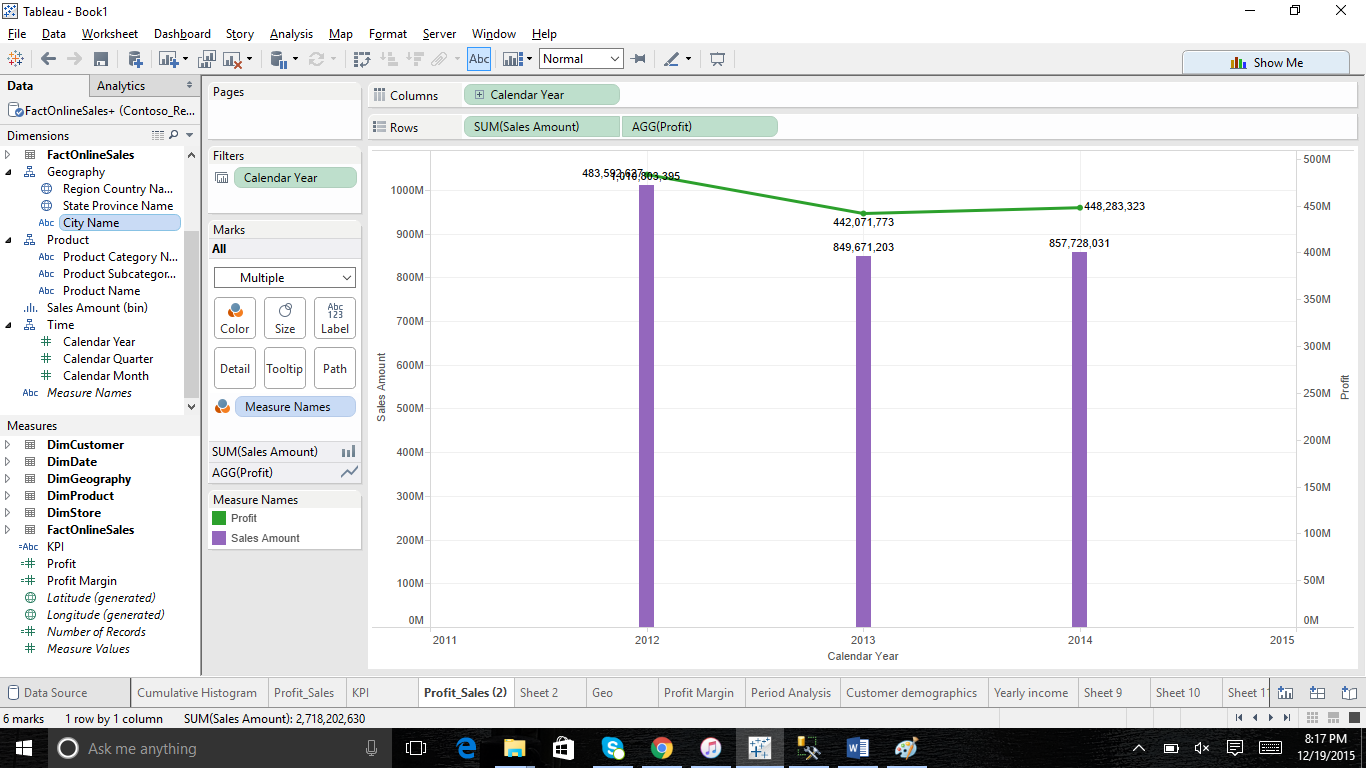
Sales amount varies and this gives the probability distribution of values found in the DB. According to the graph most of the sales amount is in the range of 0 to 234$.



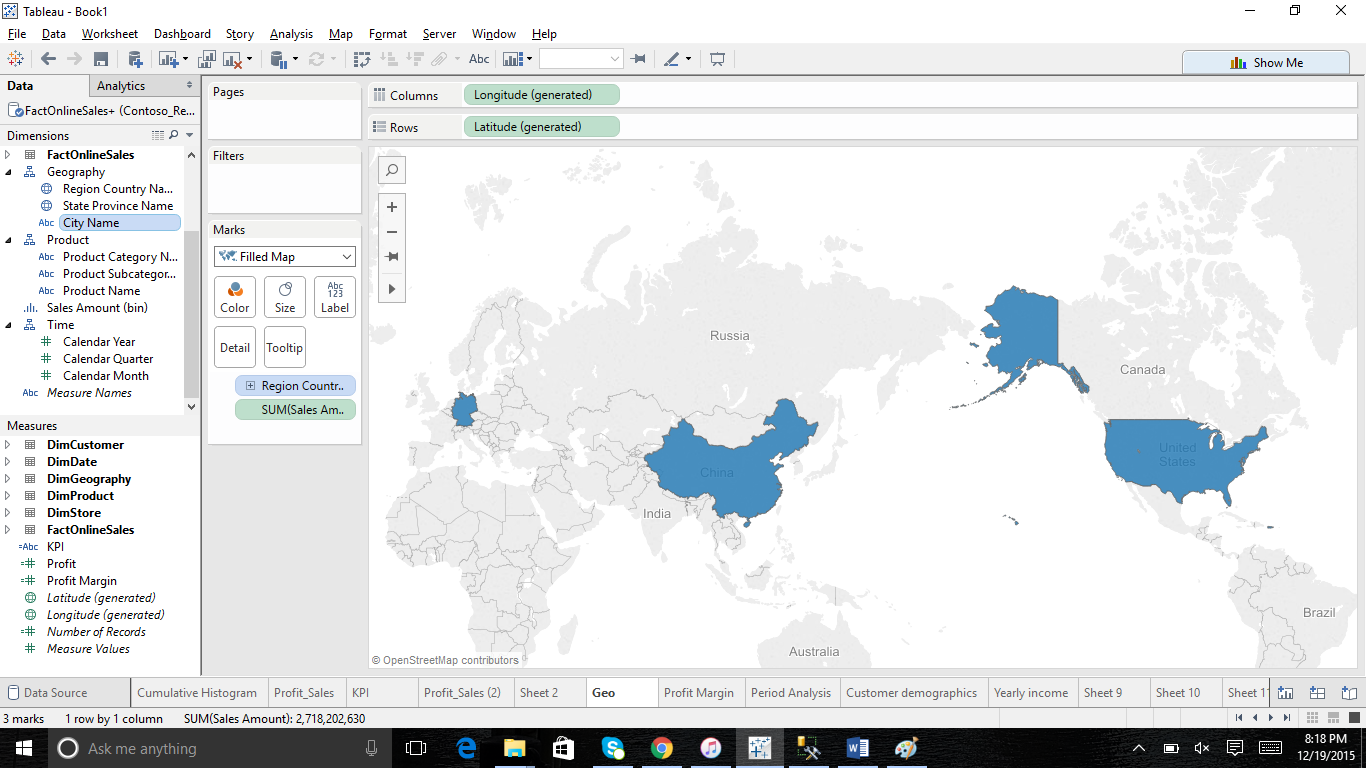
1. **KPI chart:** The average is taken and those above average are ‘above benchmark’.



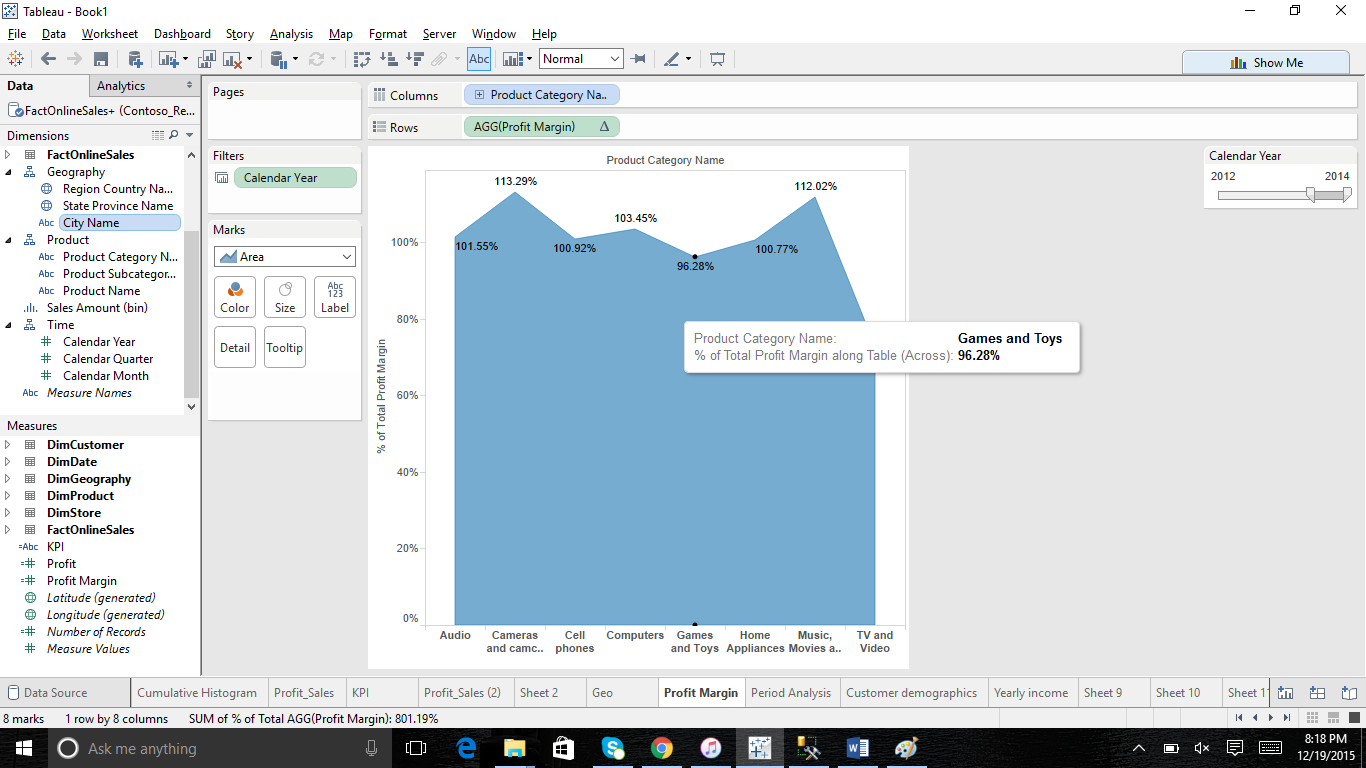
1. Profit and Sales amount by calendar year:



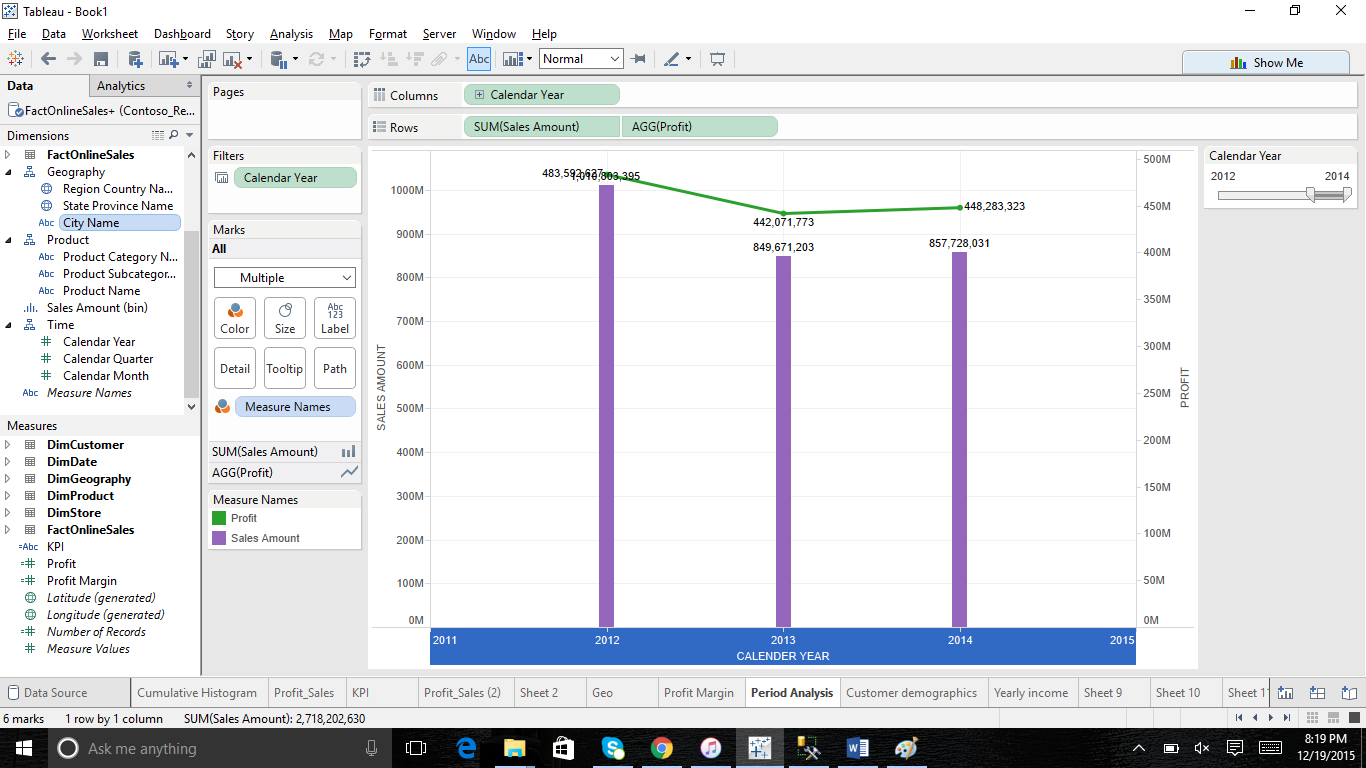
1. Geo map showing regions with maximum sales amount.



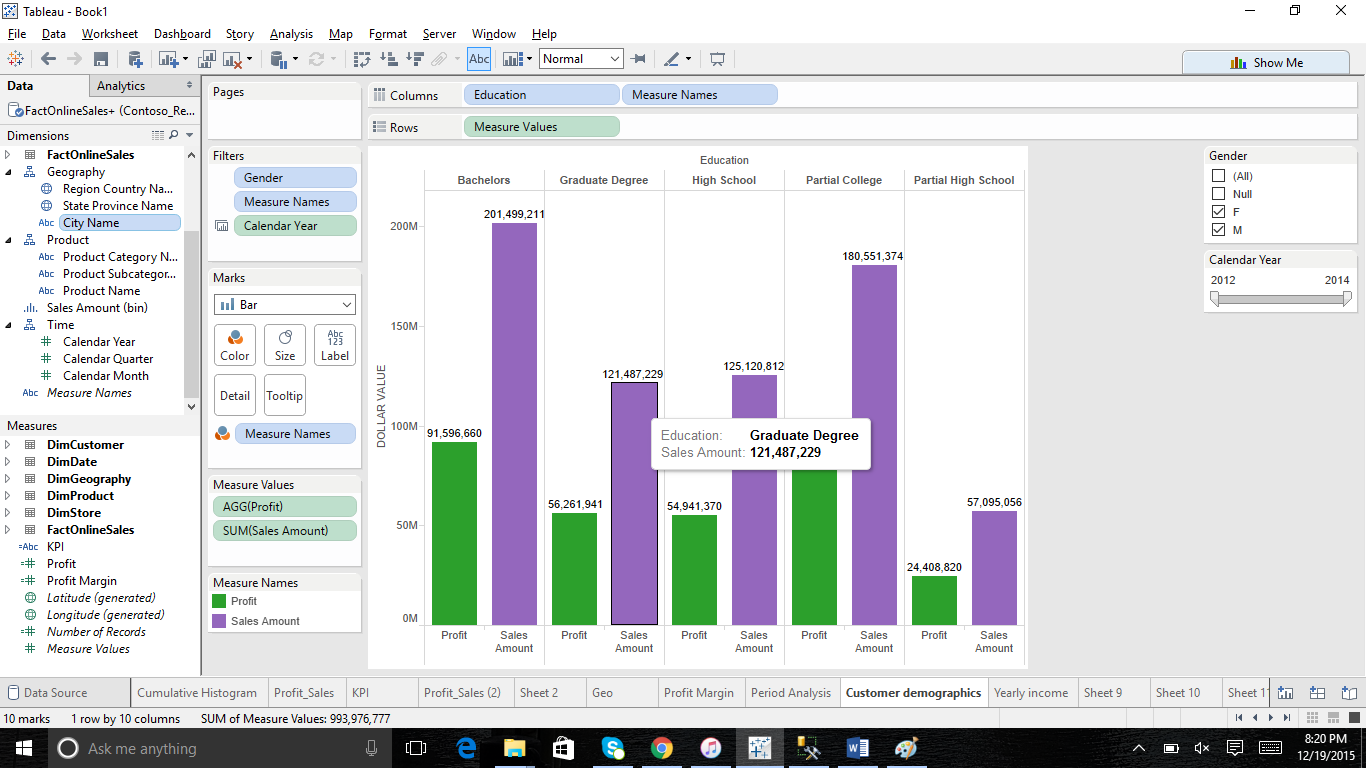
1. Profit margin against product category.



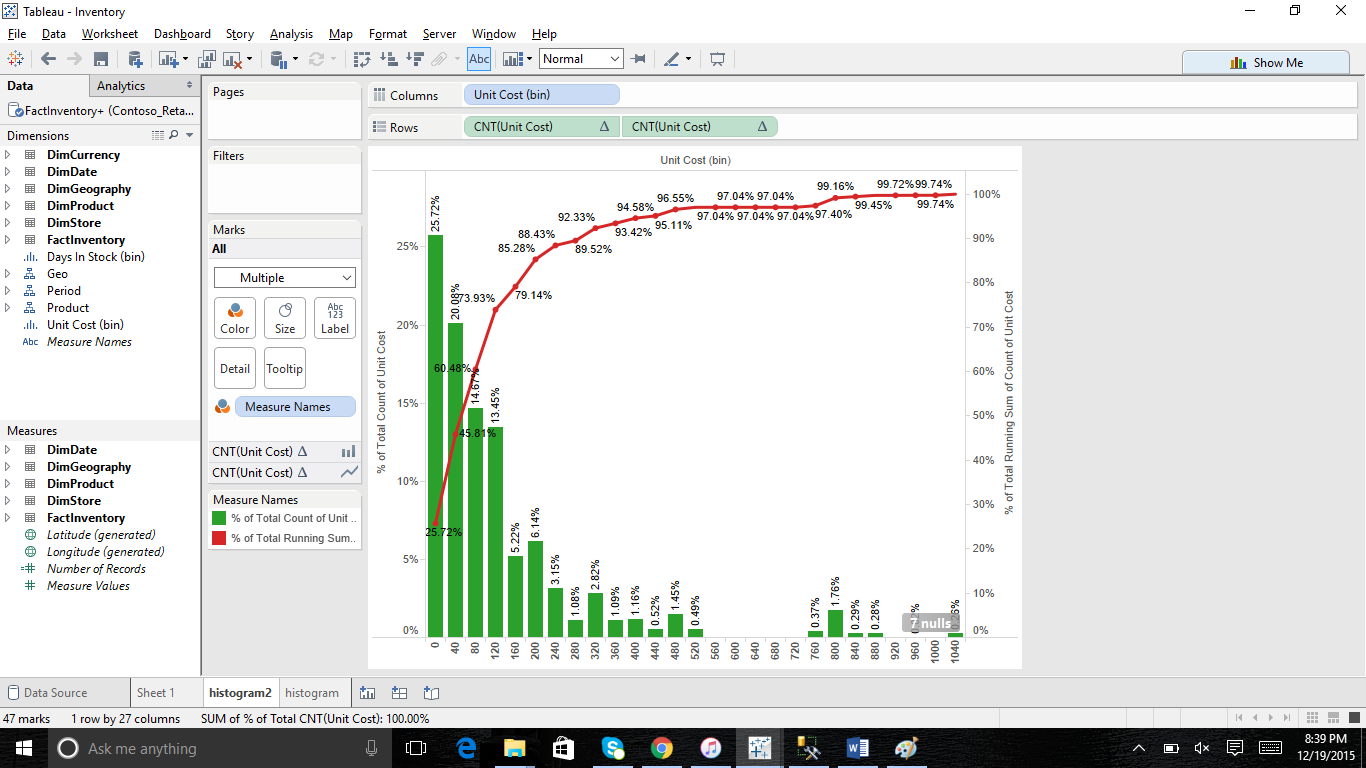
1. Period analysis: Sum of Sales amount and aggregate of profit.



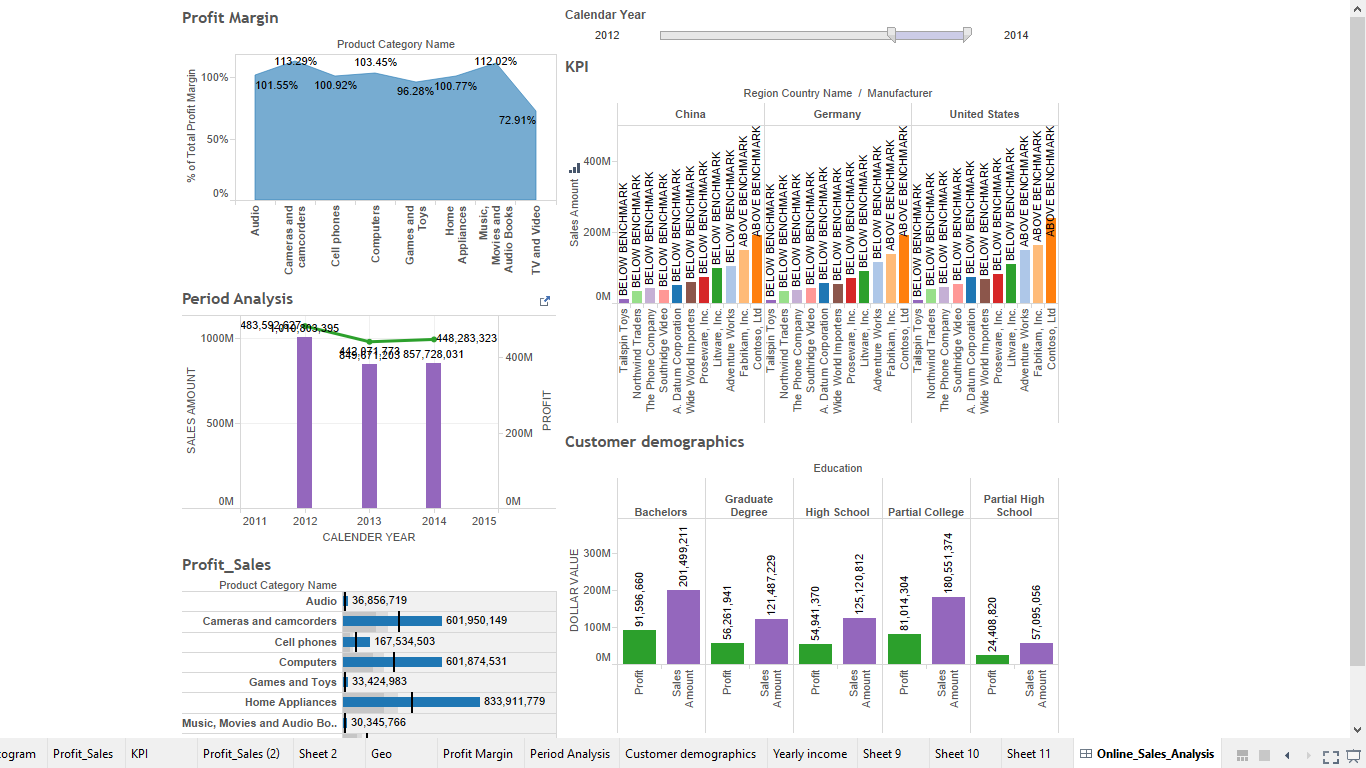
1. Customer Demographics: Profit and sales amount against education and calendar year

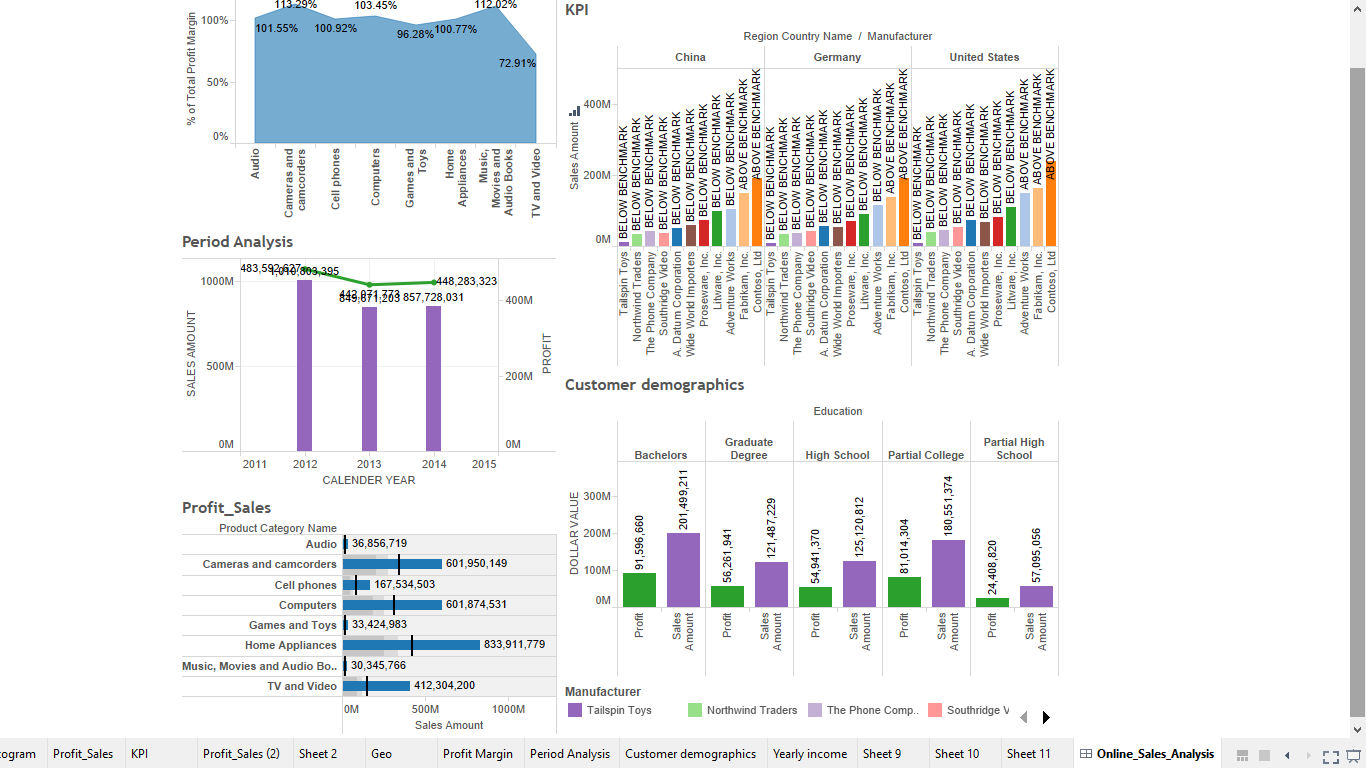


1. *Cumulative histogram: This is an advanced analytics chart showing the varying values of the unit cost. As per the chart 0 to 40$ has maximum values in the retail database. The line graph shows the added values of total running sum.*



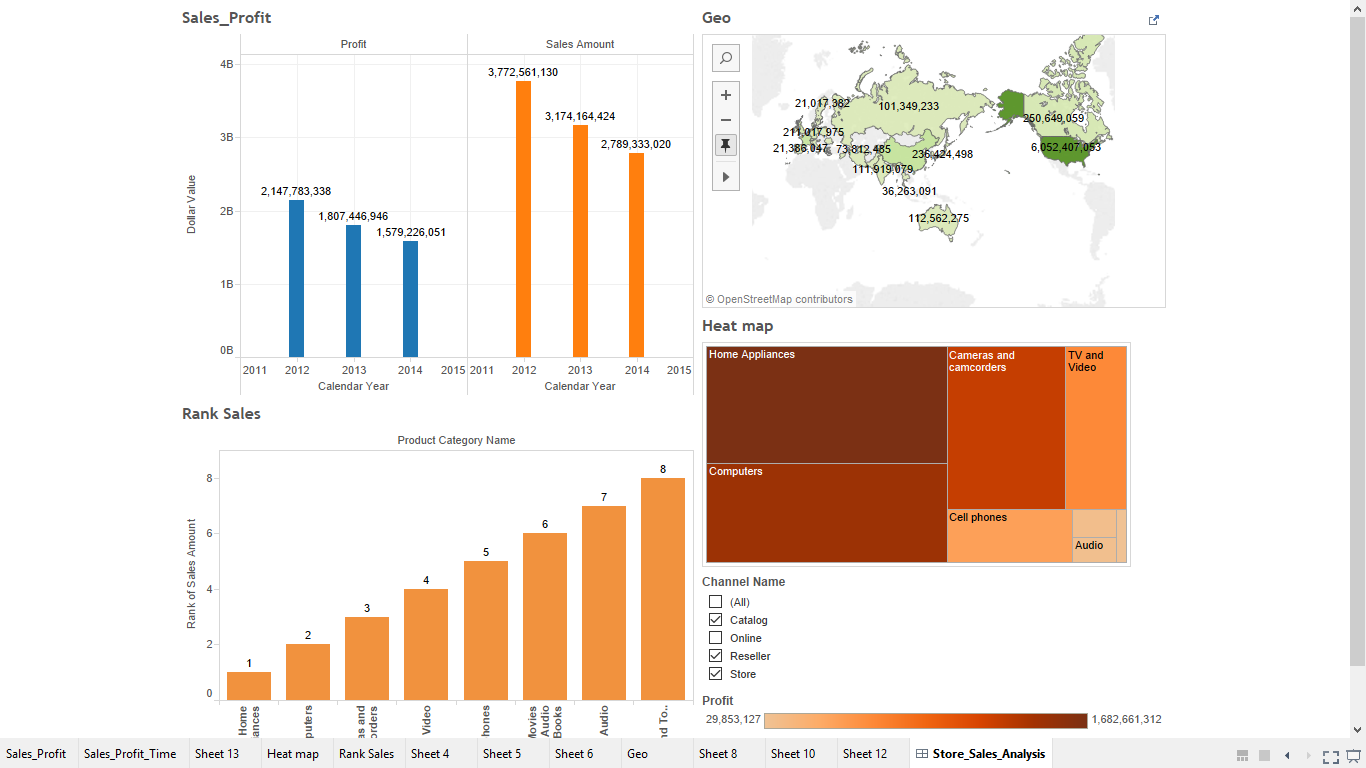
1. The dashboard shows online sales analysis with the global filter as calendar year. The dashboard consists profit margin, period analysis, customer demographics and KPI.



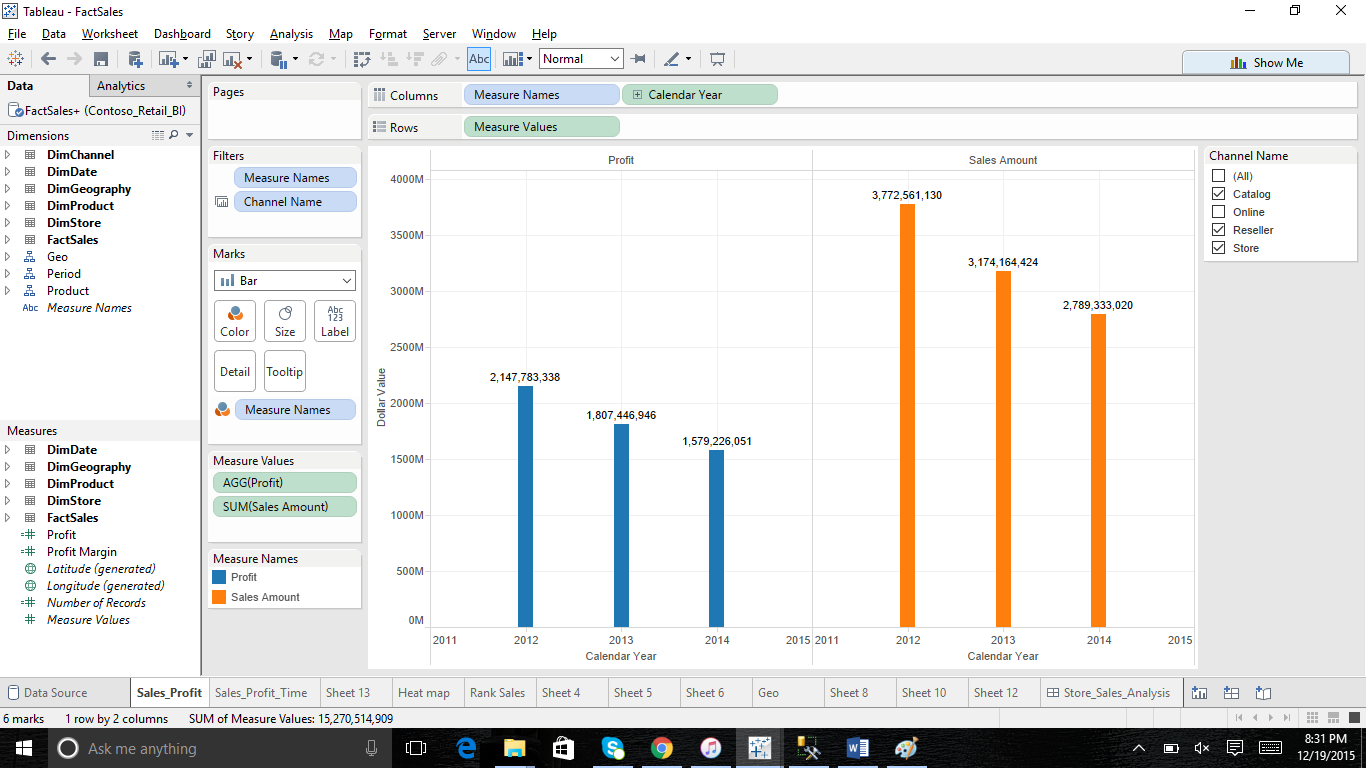


Store sales analysis:

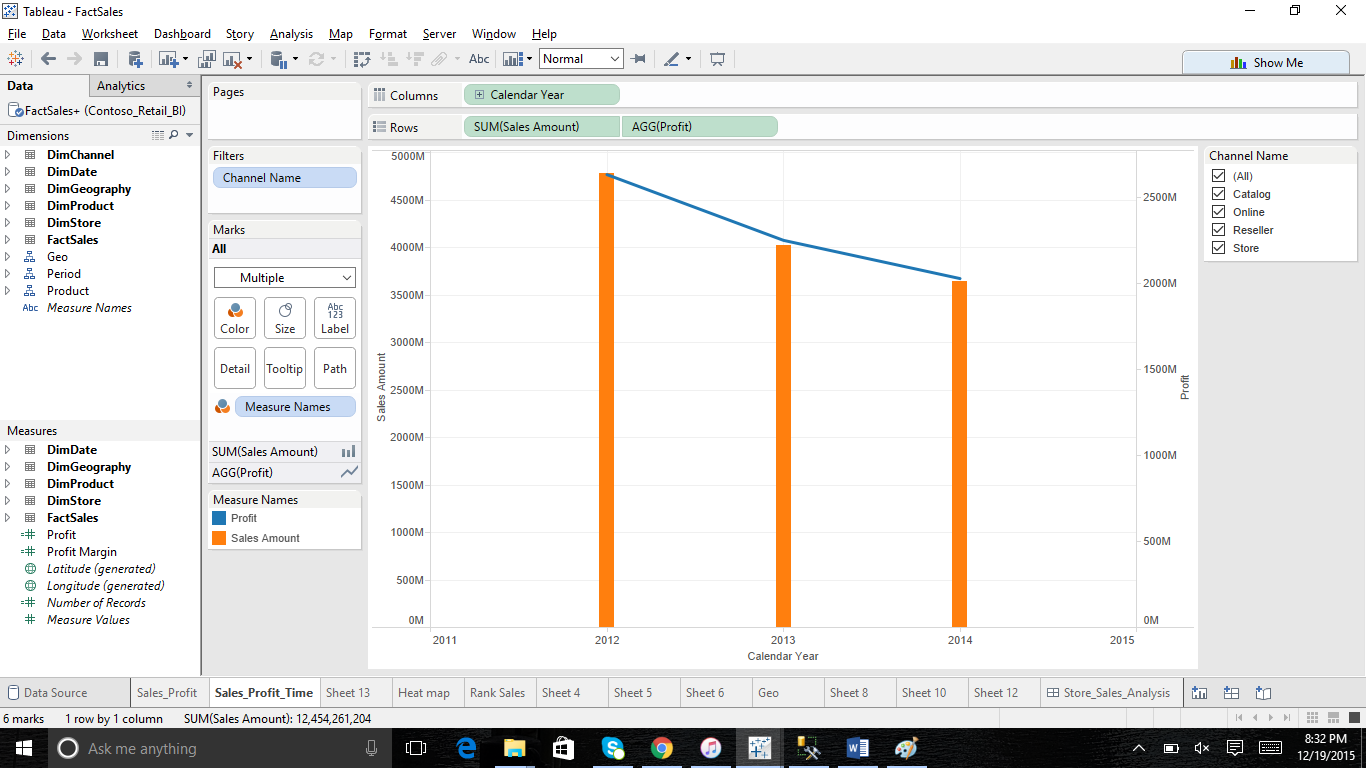
1. Dashboard showing store sales amount, Heat map, Profit and rank of sales amount for the outlets at different locations:



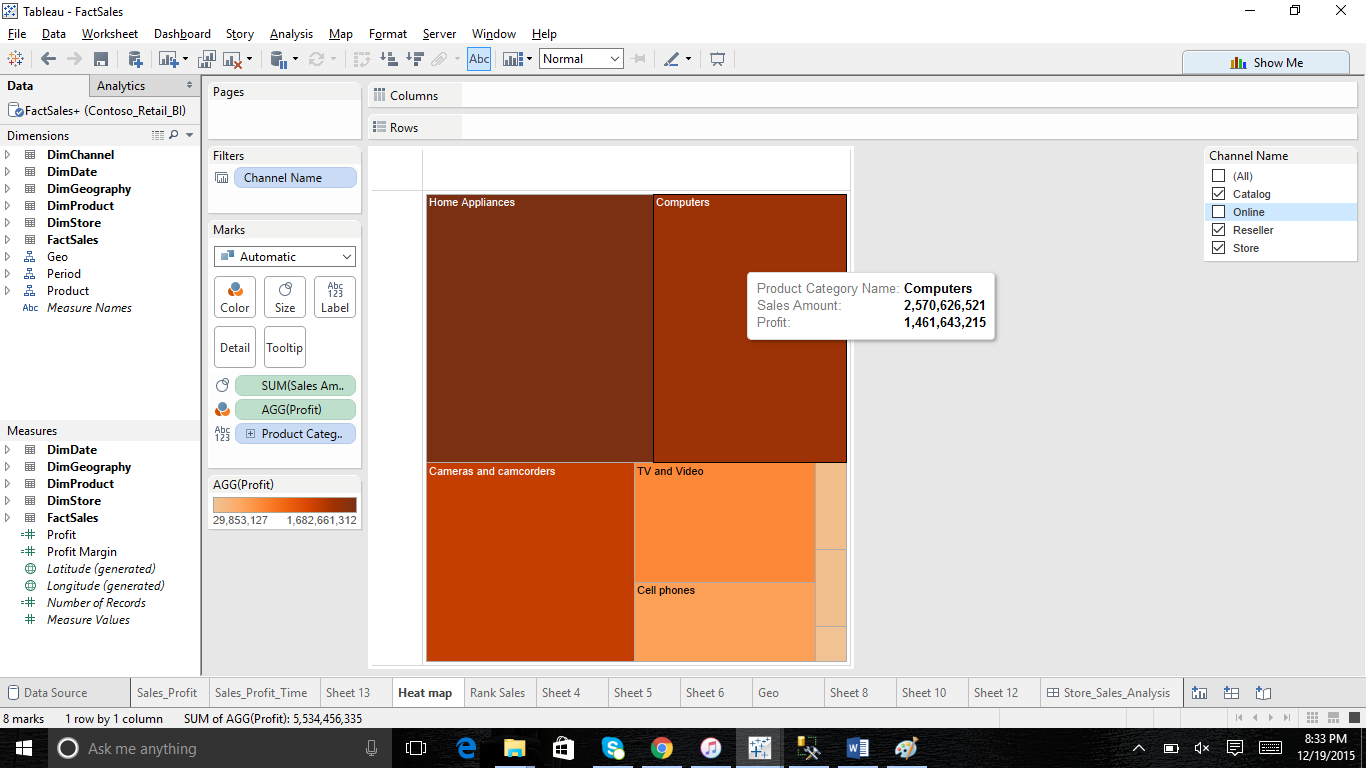
1. Profit and sales against channel name:



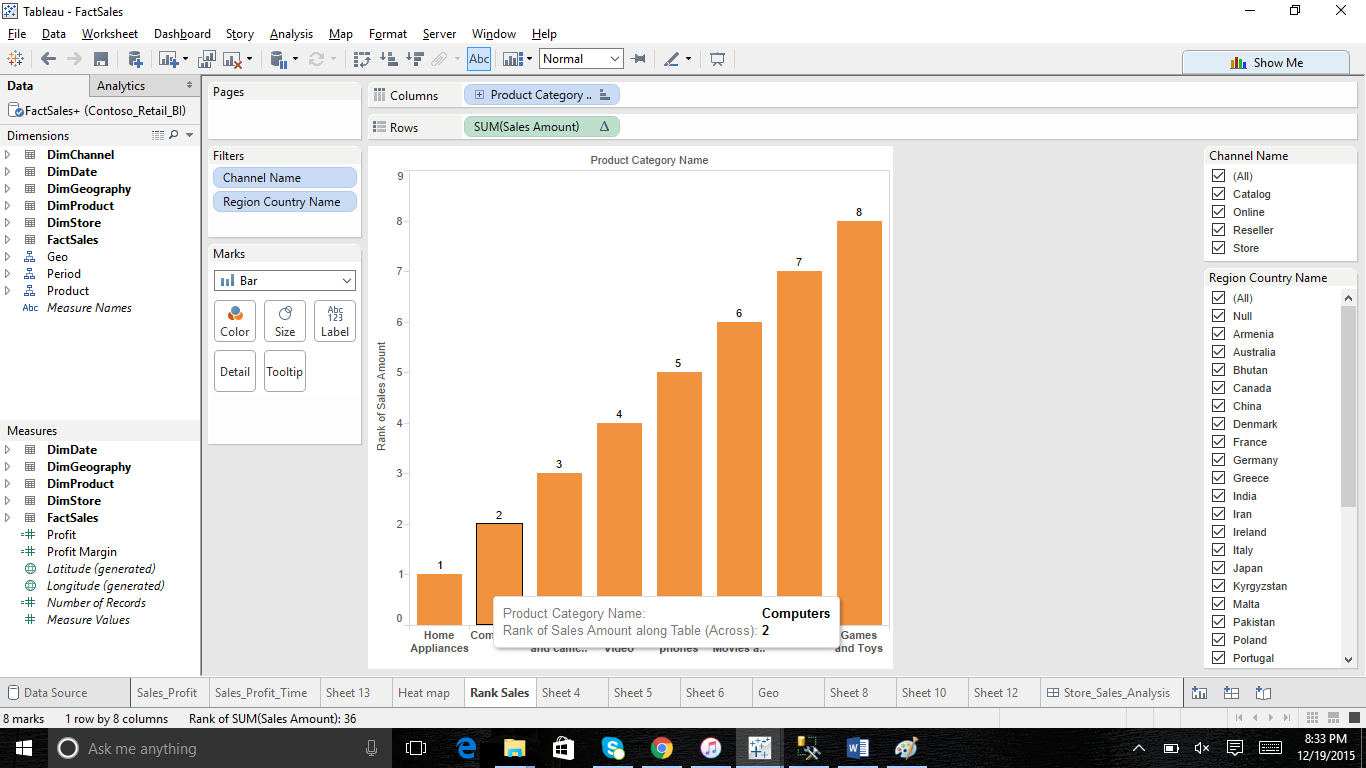
1. Sales and profit against calendar year and filter as channel name:



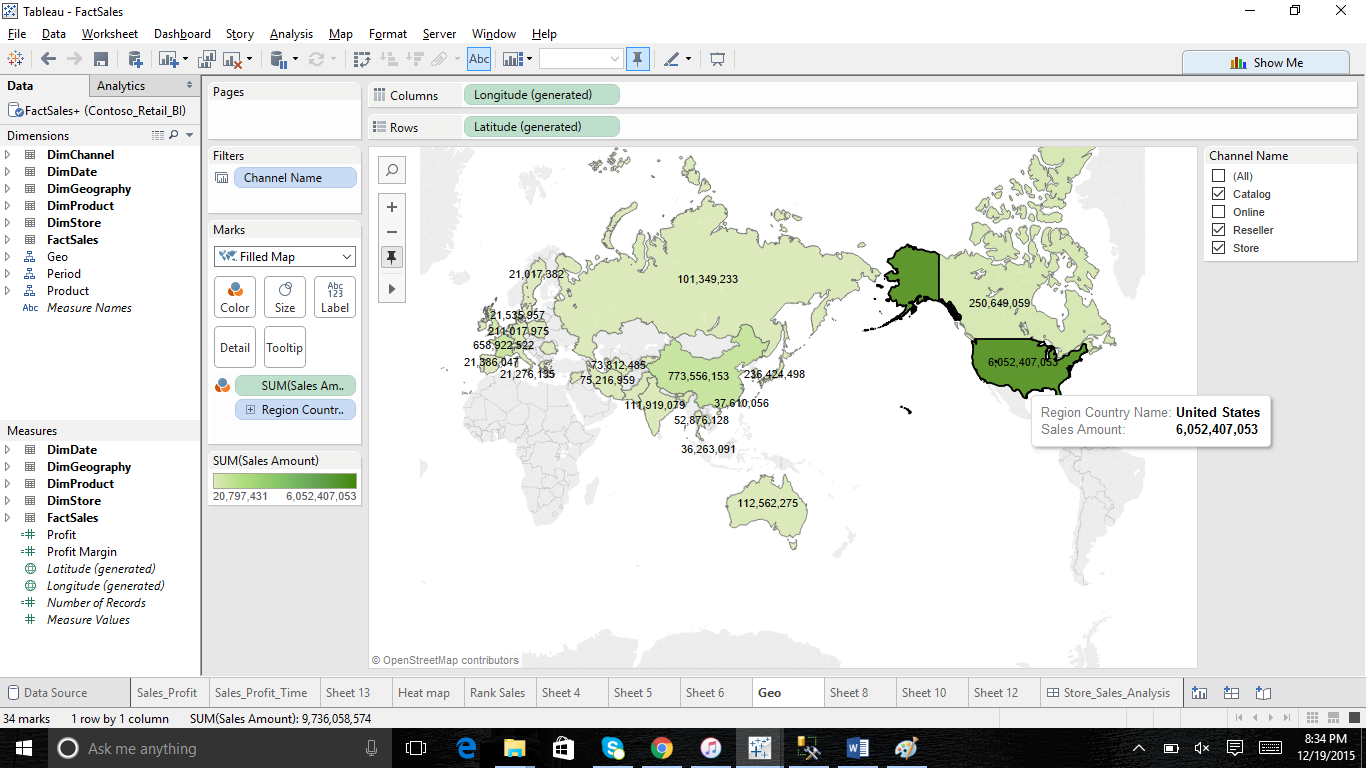
1. Heat map showing sales amount and profit against channel name:



1. Ranking sales amount against product hierarchy and region, channel.



1. Geo map showing the sales amount with filter as channel name.



Inventory analysis:

1. On order quantity against region country name against calendar year.

