

Student name: M.Harinarayanan

Registration number: 20BEC1156

Campus: VIT CHENNAI

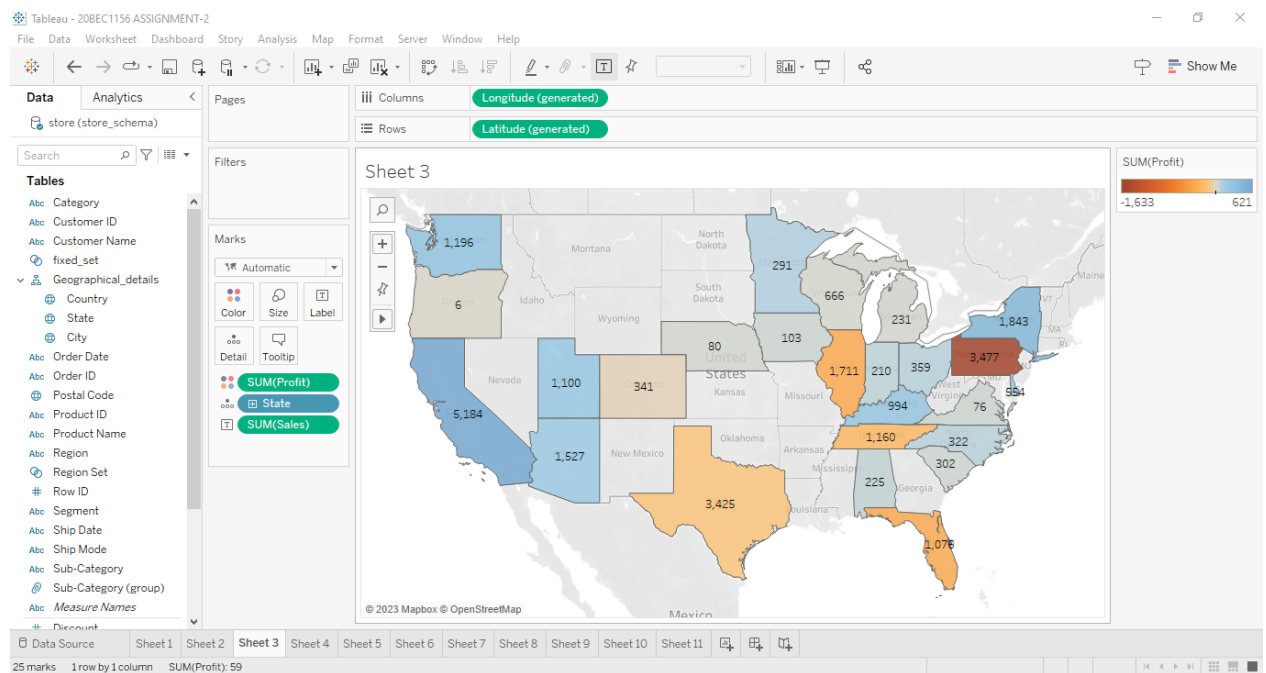
Email: harinarayanan.m2020@vitstudent.ac.in

Smart Bridge

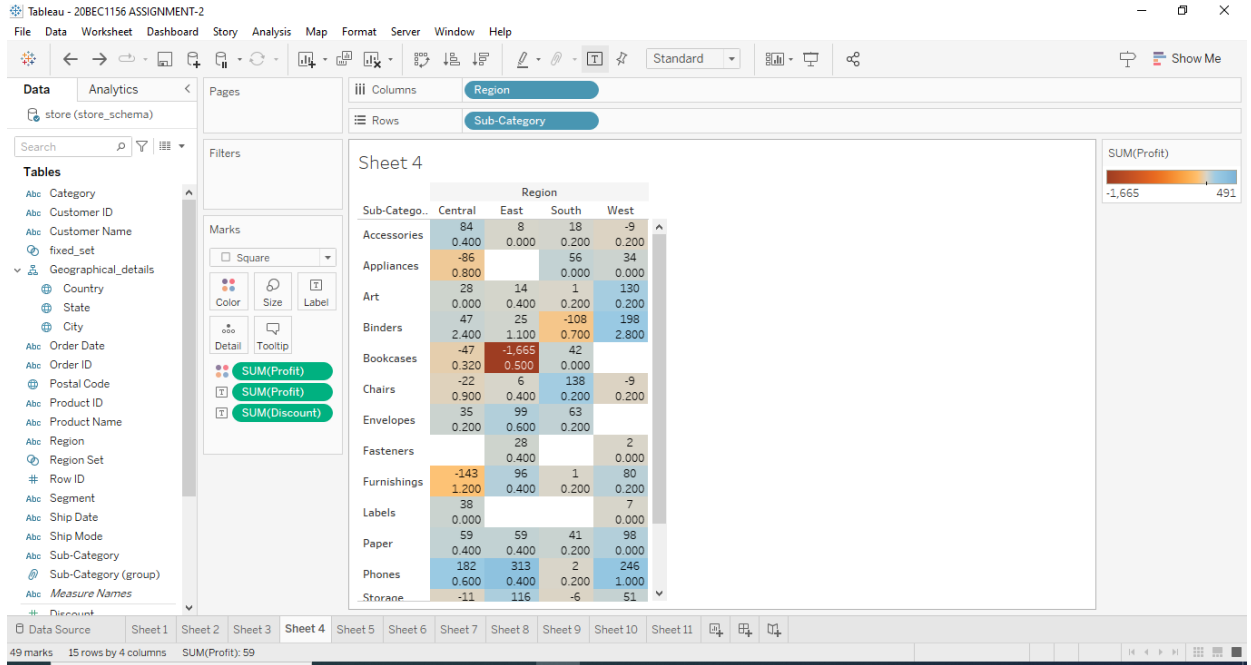
Assignment-2

1) Create any 7 data visualizations/charts and perform the following

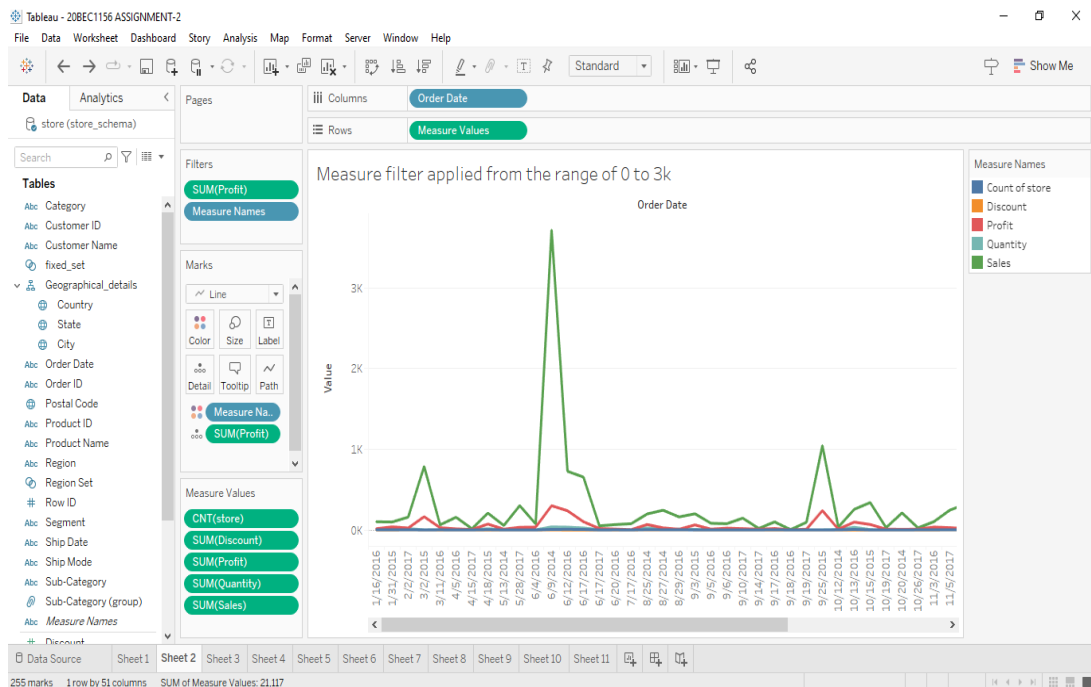
- a) Map's drawn with longitude and latitude along with the details of sales,profit,state in the marks pane:**



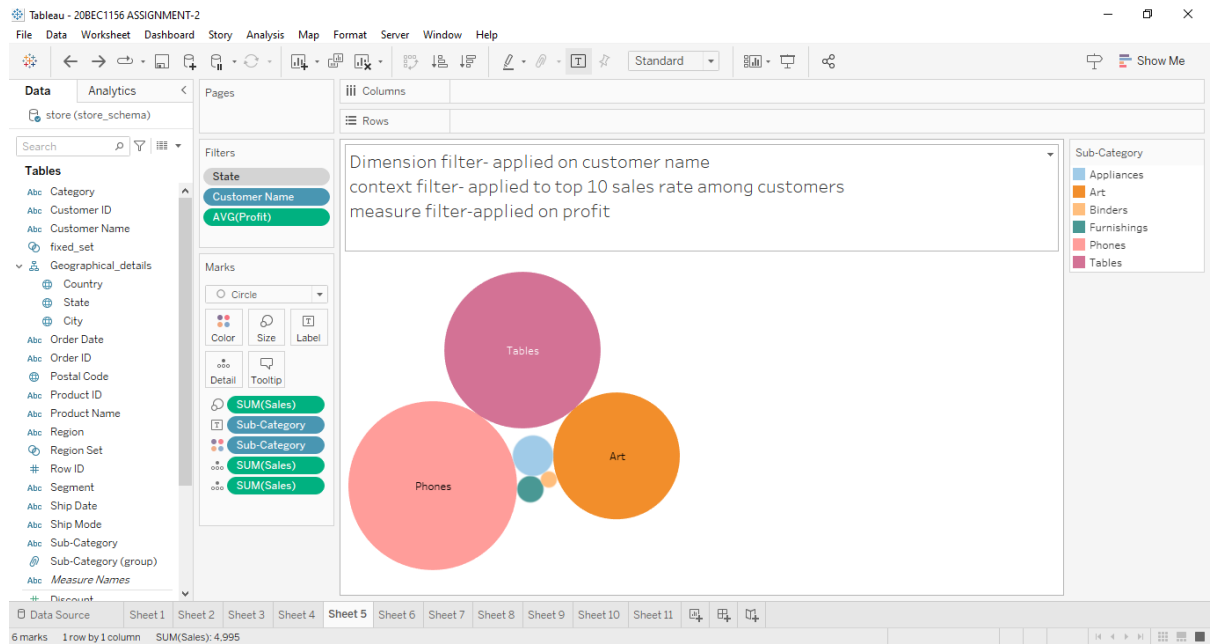
b) Highlight table drawn with region and sub-category along with the details of profit, discount in the marks pane:



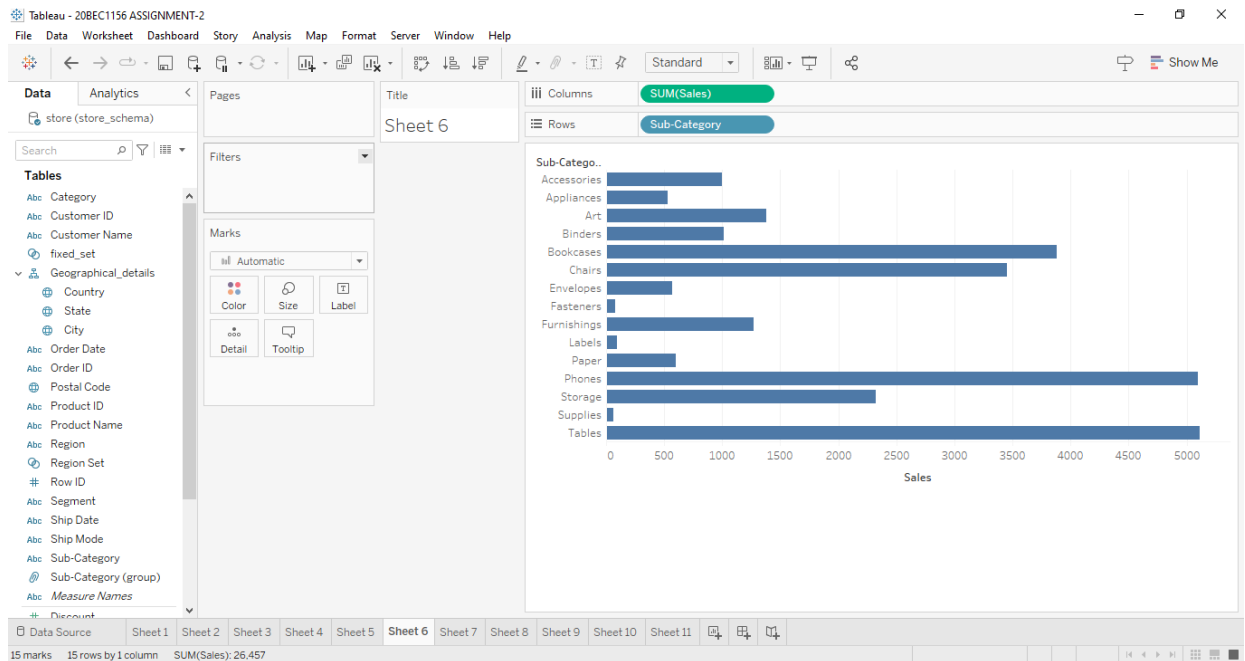
c) Line chart drawn with order date and measure values along with the details of profit, measure names in the marks pane:



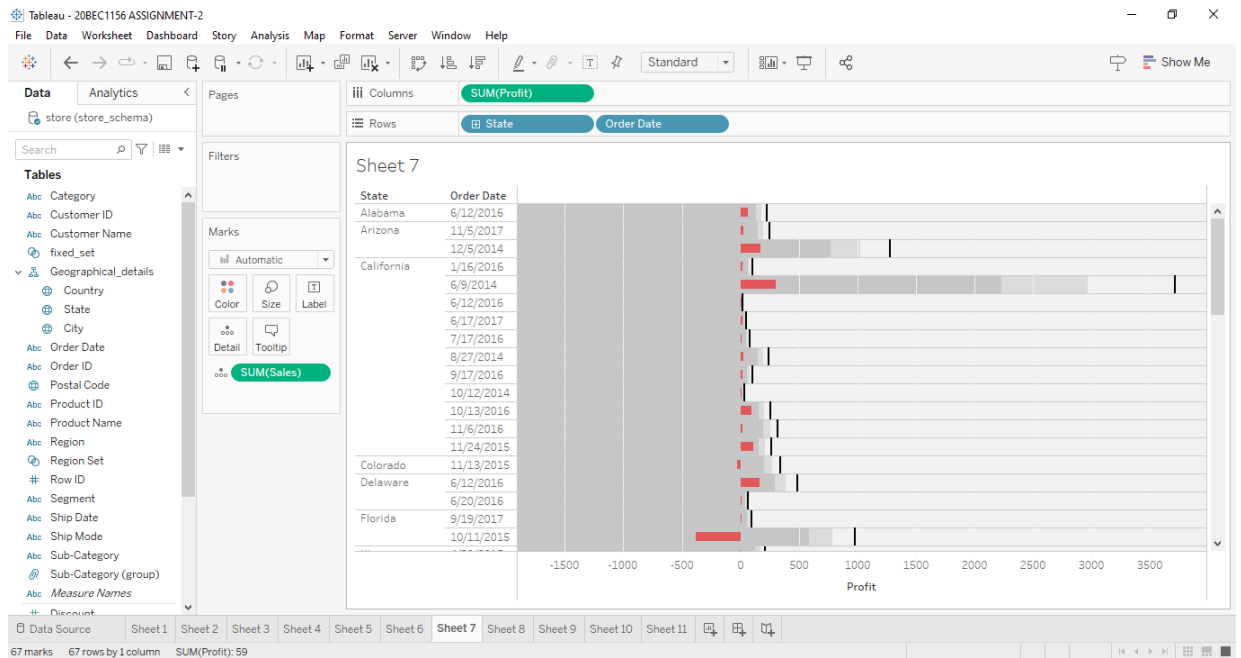
d) Bubble chart drawn with sub category and sales along with the application of dimension, context, measure filter:



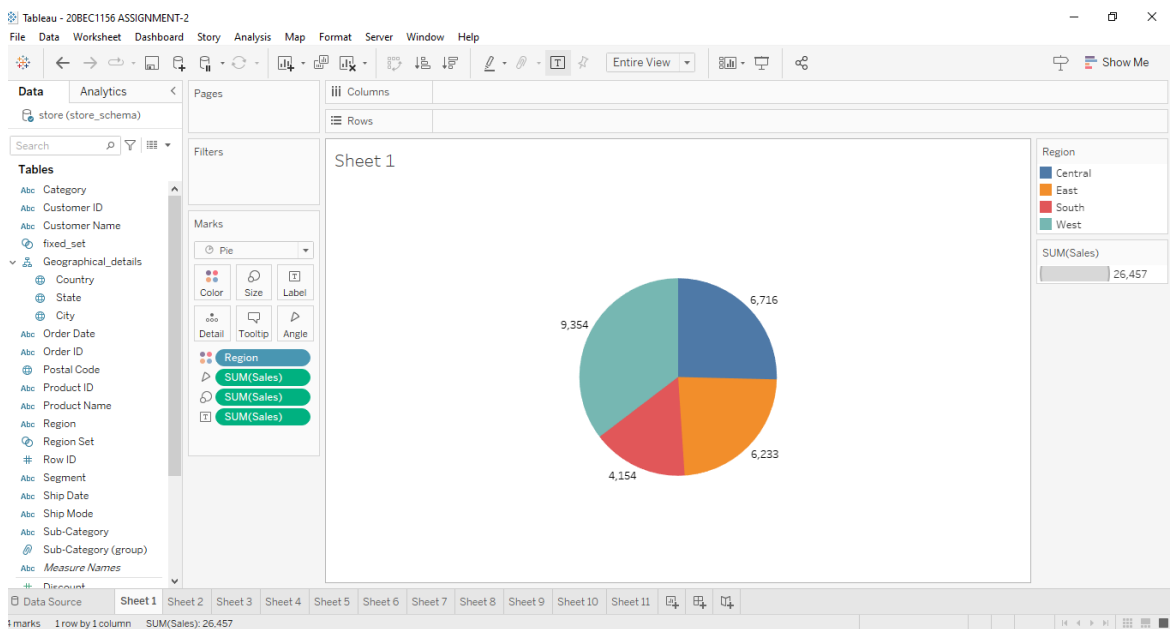
e) horizontal bar chart drawn with sub category and sales :



f) Bullet chart drawn with profit, state and order date along with sales in marks pane:

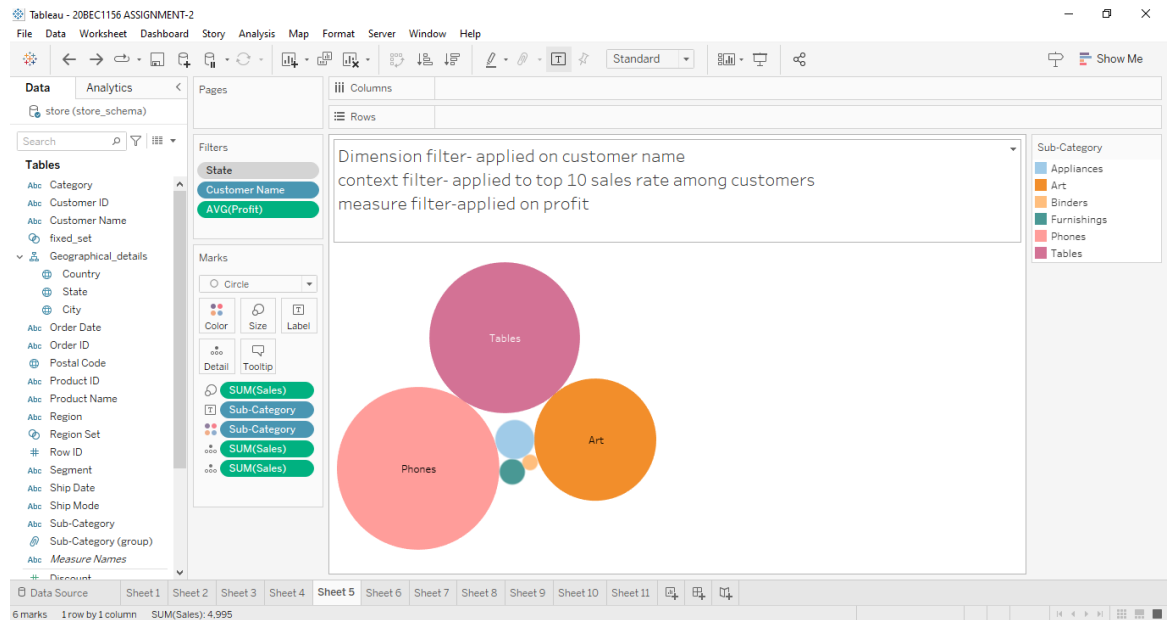


g) Pie chart drawn with region and sales:

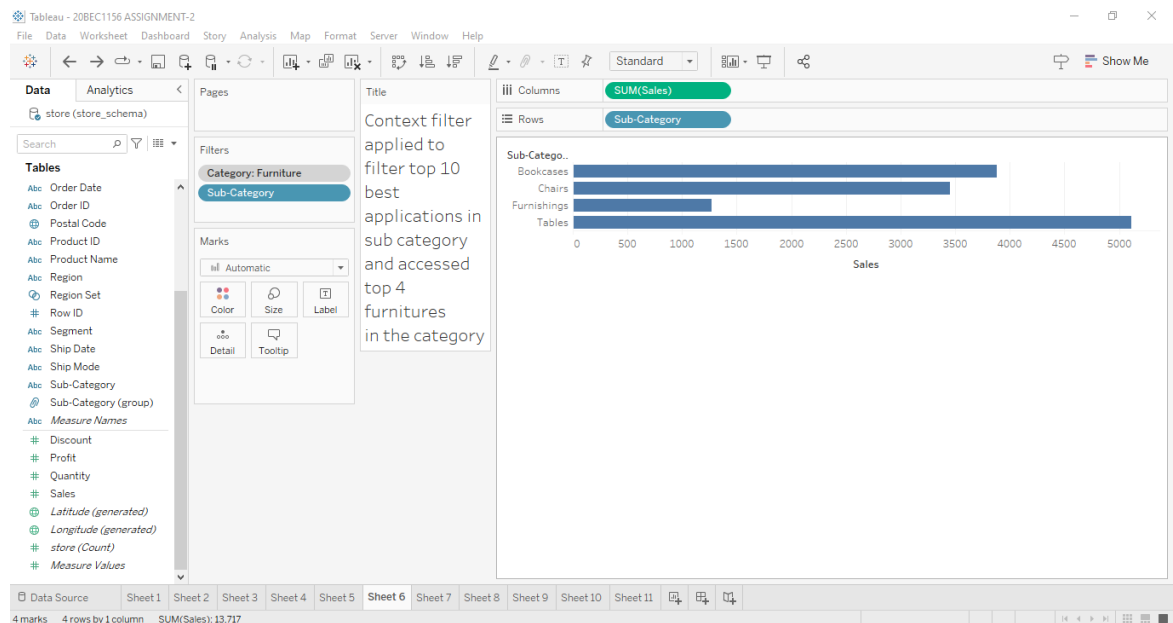


2) Apply dimension filter, context and measure filter on any of the three visualizations:

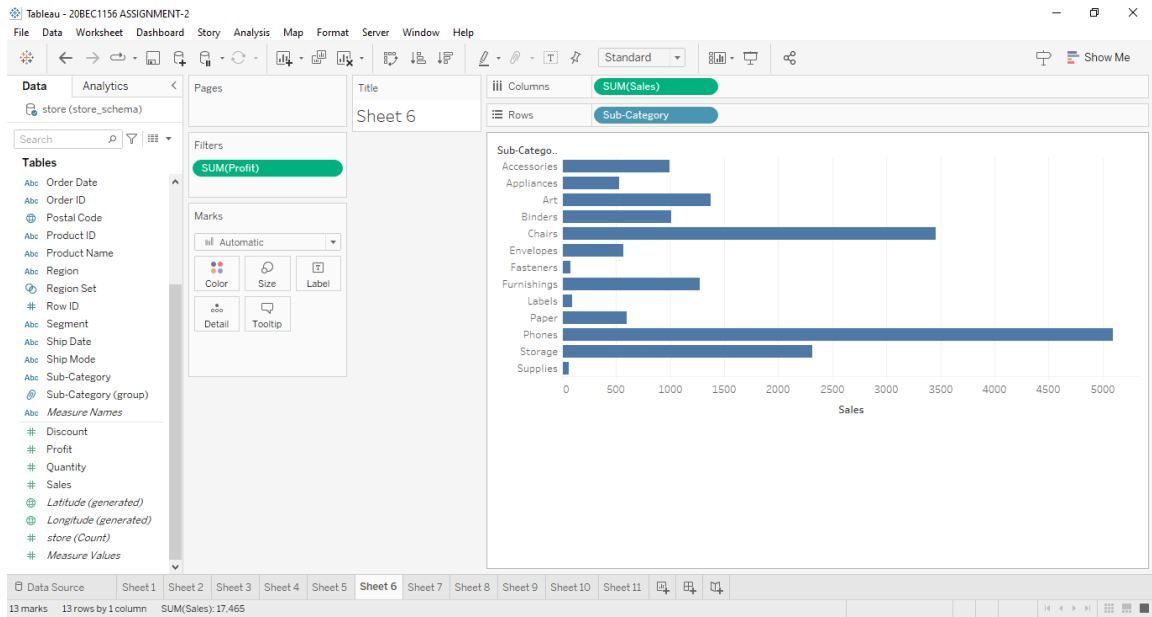
Bubble chart drawn with sub category and sales along with the application of dimension, context, measure filter:



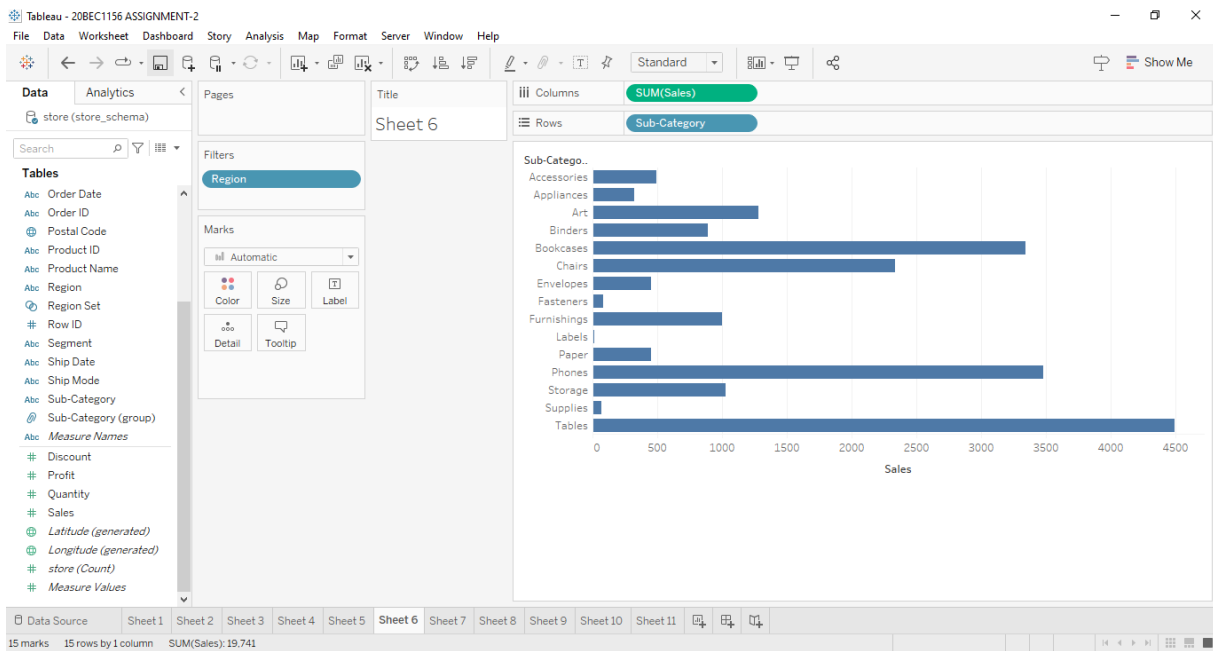
Context filter applied to filter top access top 4 furnitures in the category of horizontal bar graph:



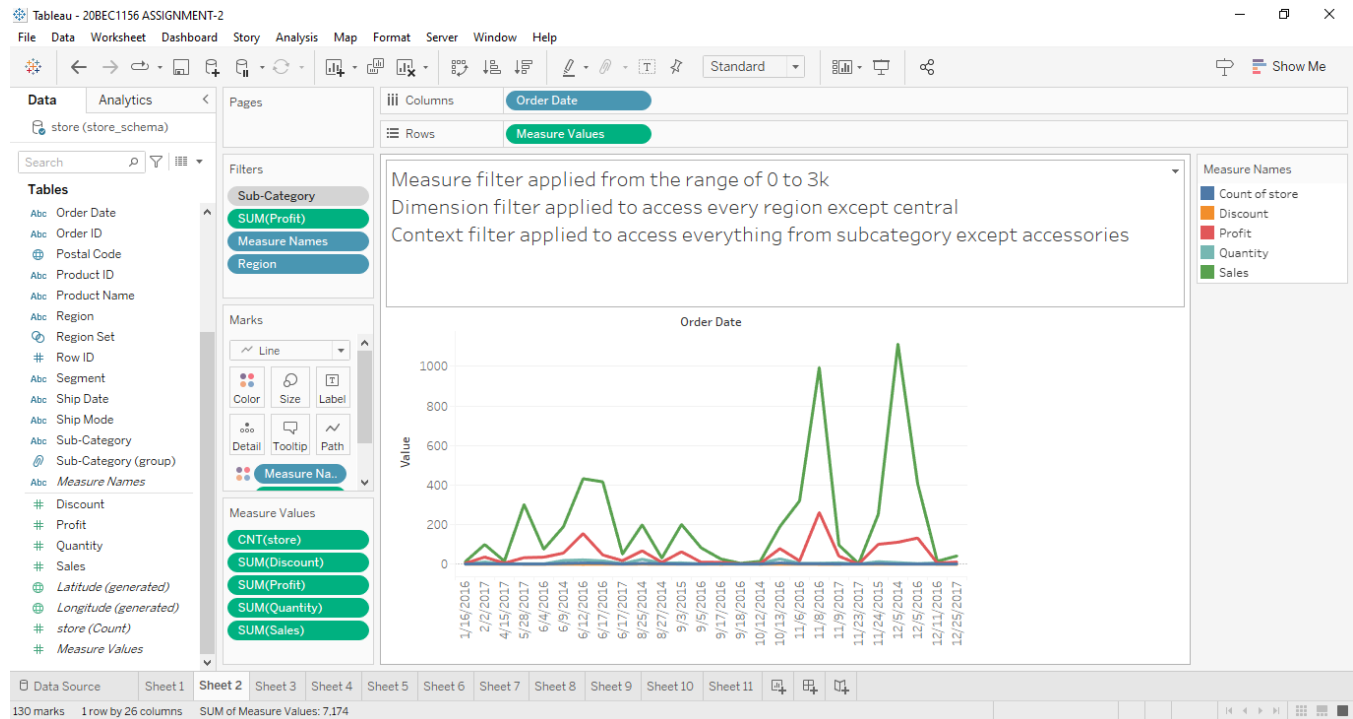
Measure filter applied to the profit measure to access from the range of 0 to 5k:



Dimension filter applied to the region dimension to access every region except central:

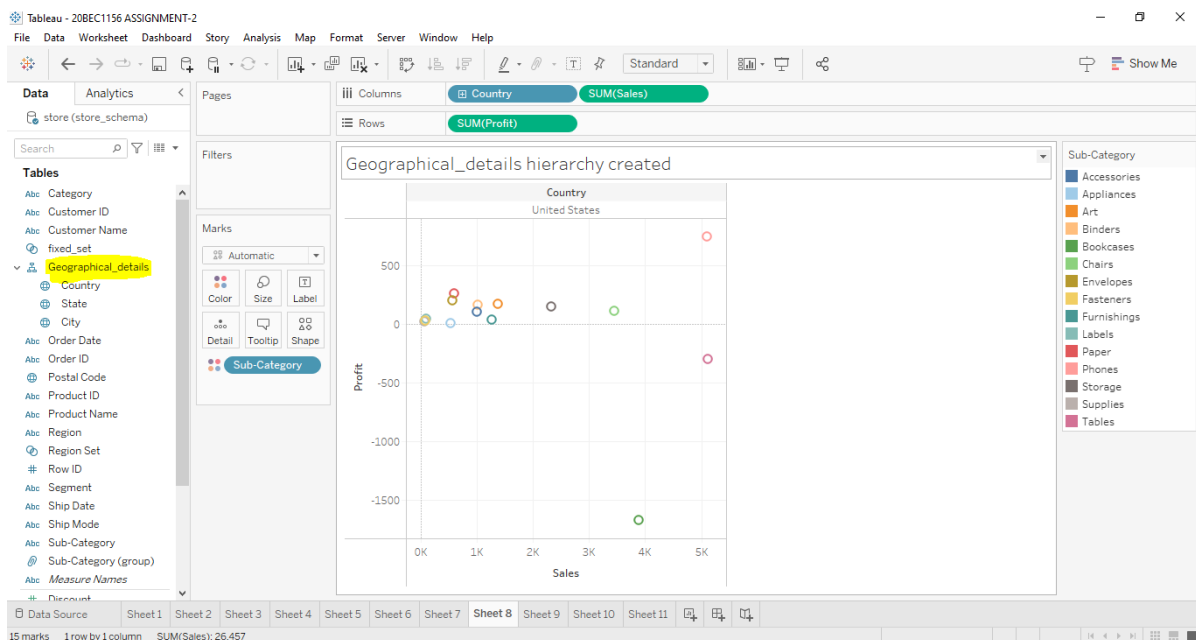


Context filter, measure filter, dimension filter applied to the line chart drawn with order date and measure values:

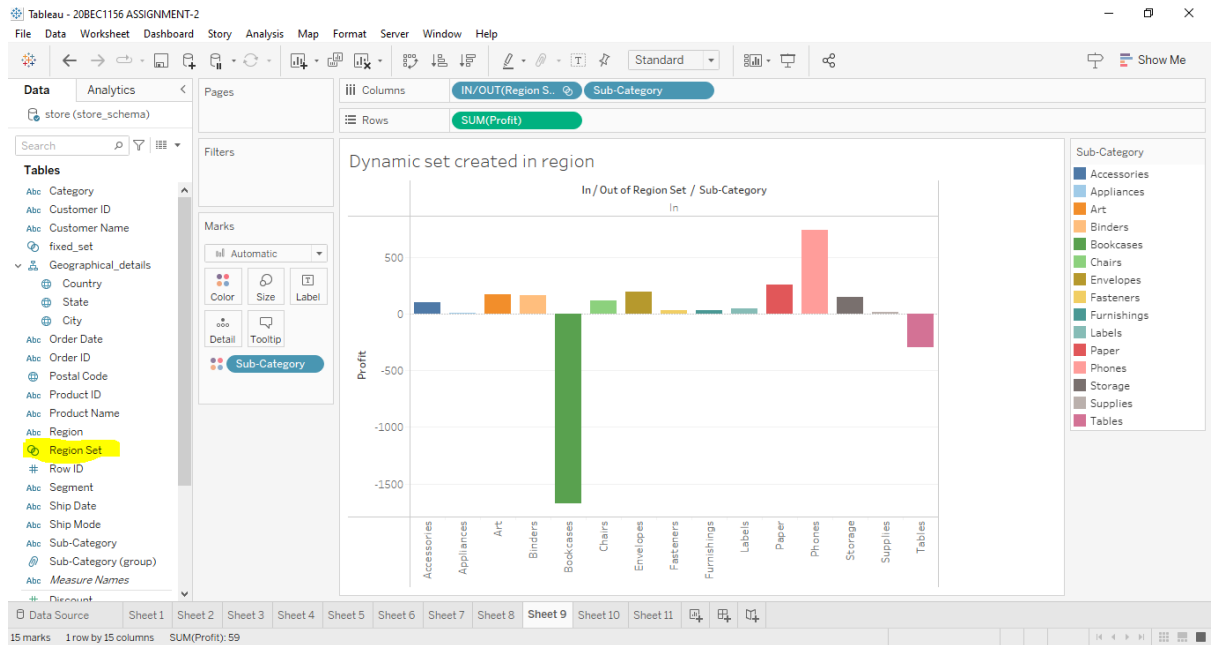


3) Perform the following data manipulations on your dataset • create a Hierarchy • create a set • create a group:

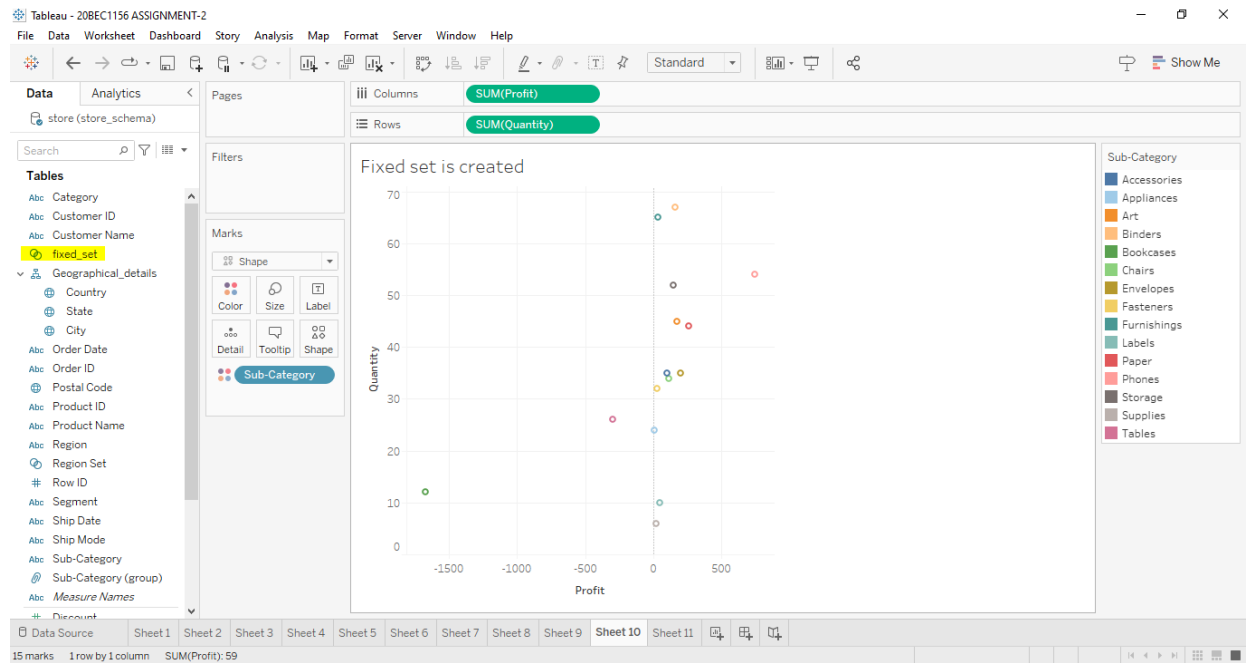
a) Geographical_details hierarchy created that includes country,state,city



b) Dynamic set created in region:



Fixed set created:



c) Create a group:

Sub-category group created:

