

NAME – AMRITA VARIER

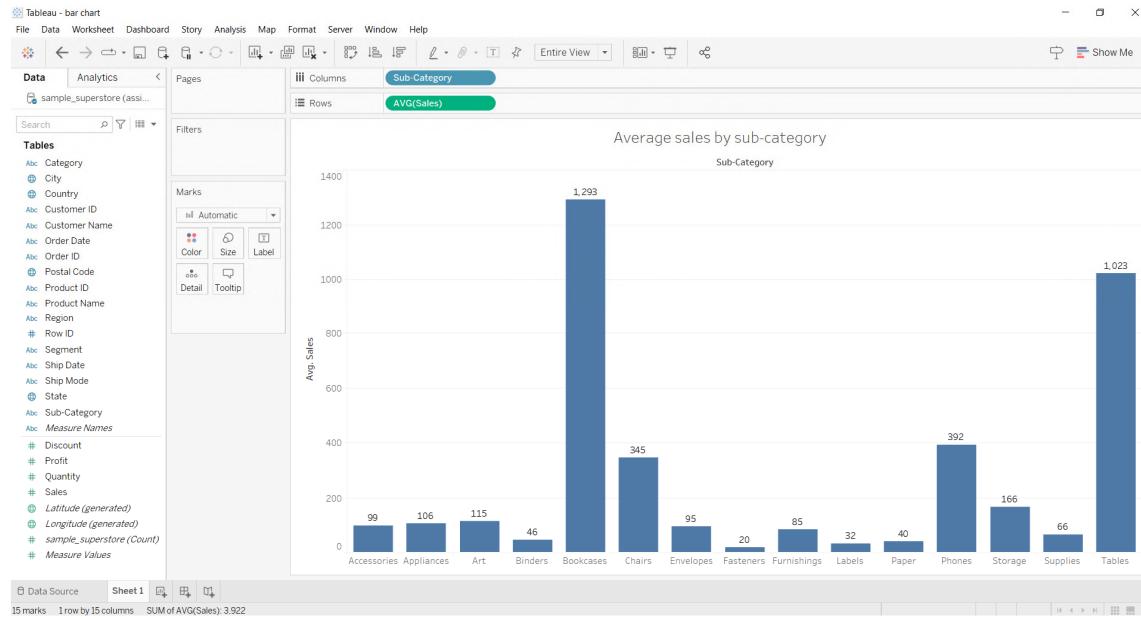
REGISTRATION NUMBER – 20BCE2354

ASSIGNMENT – 2

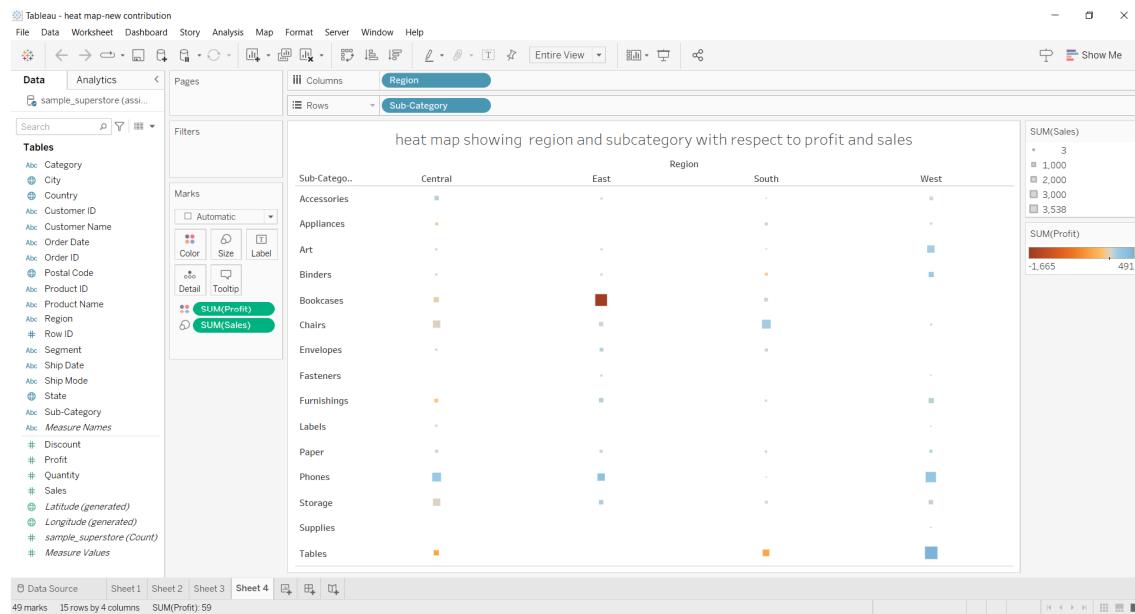
SMARTBRIDGE EXTERNSHIP PROGRAMME

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

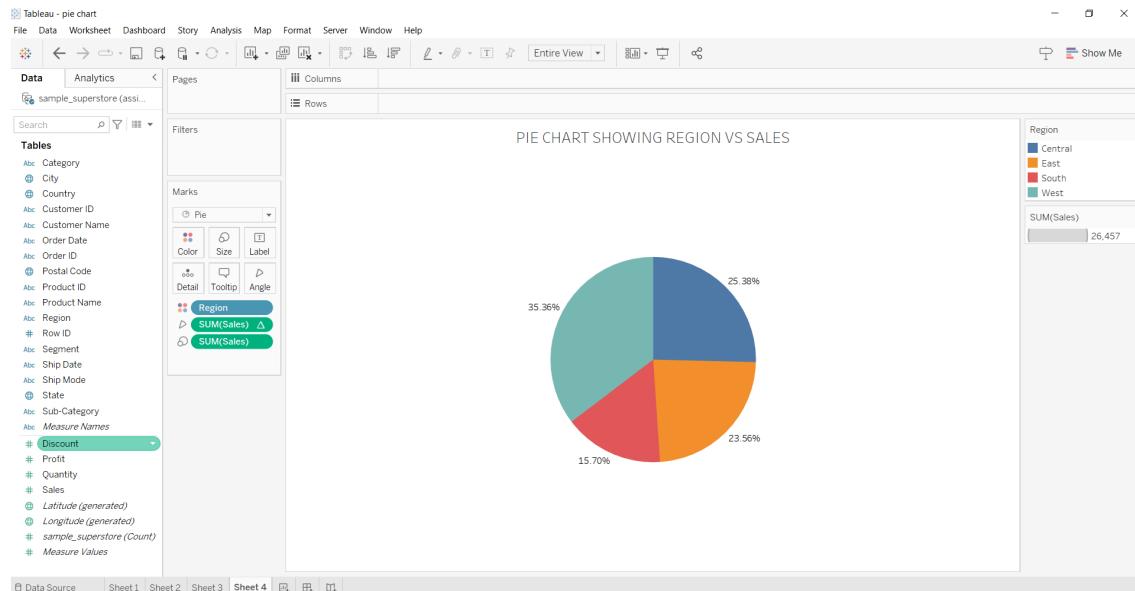
BAR CHART-



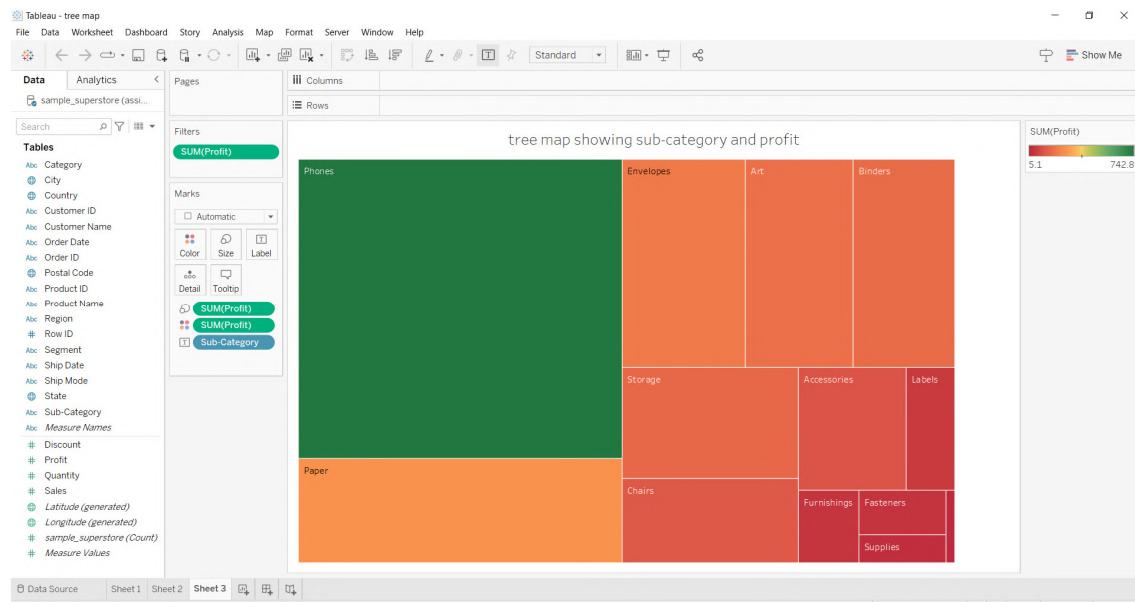
HEAT MAP-



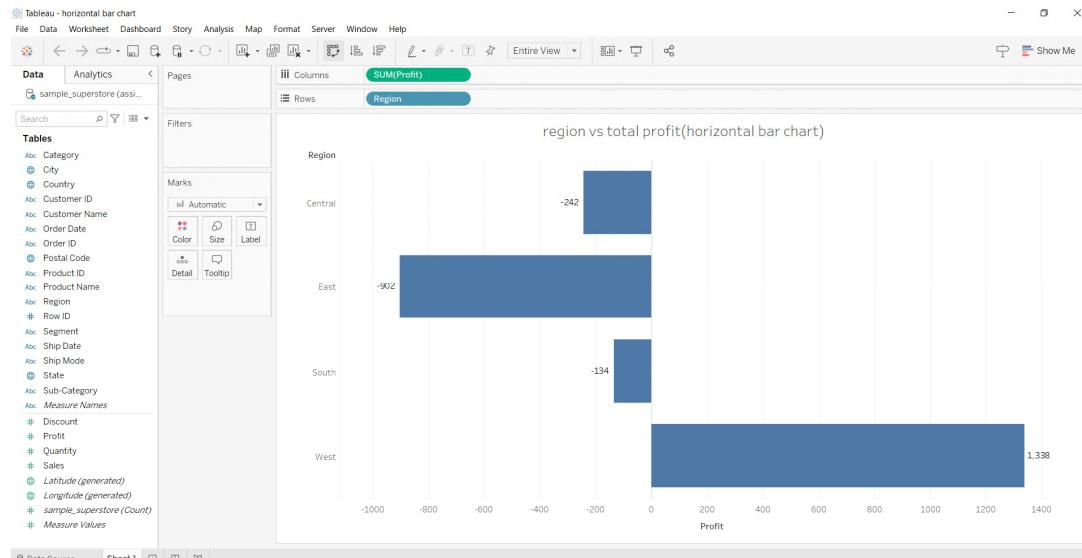
PIE CHART-



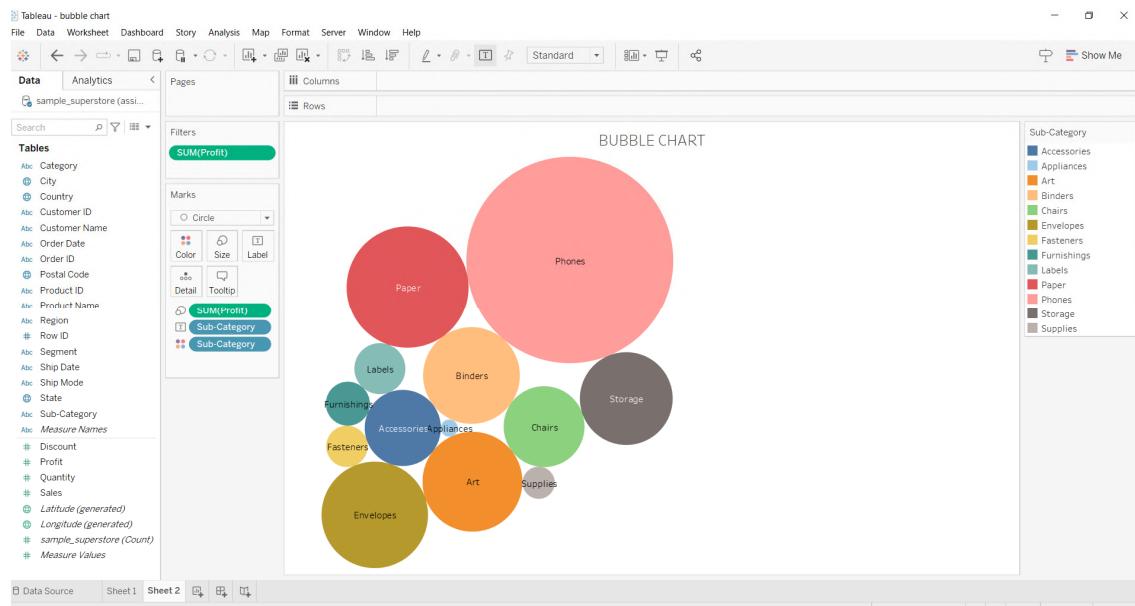
TREE MAP-



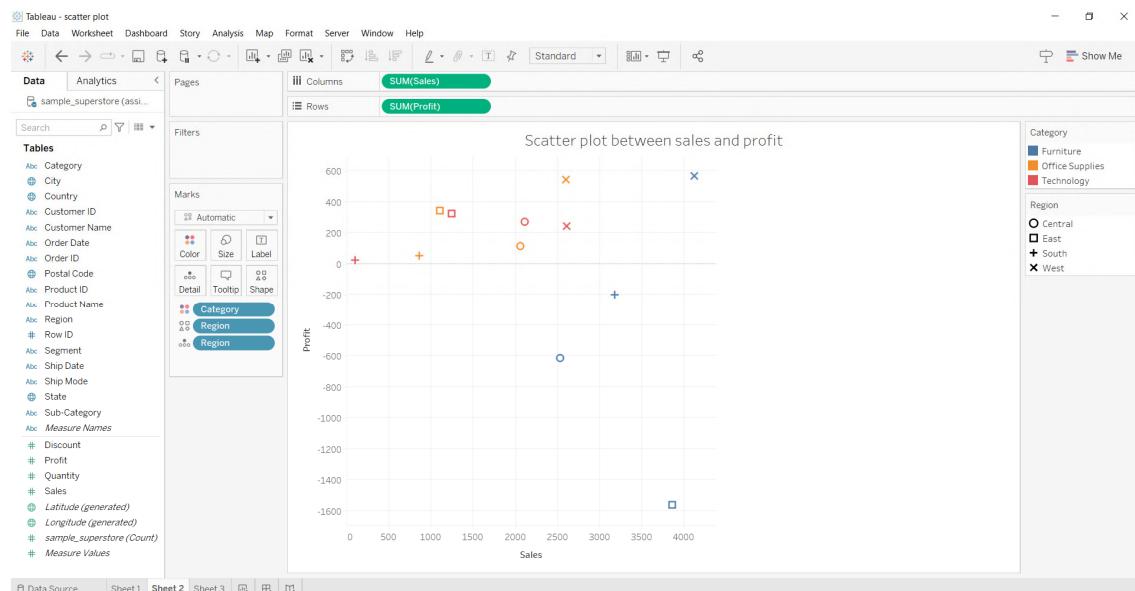
HORIZONTAL BAR CHART-



BUBBLE CHART-

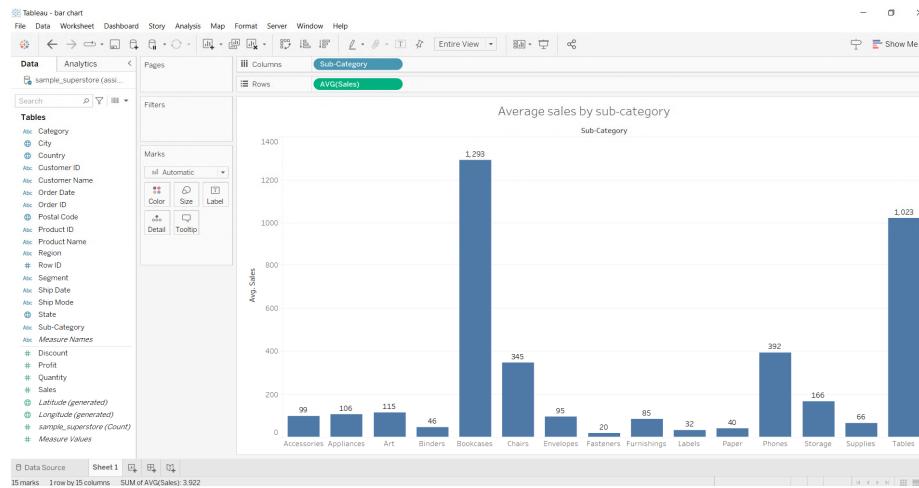


SCATTER PLOT-

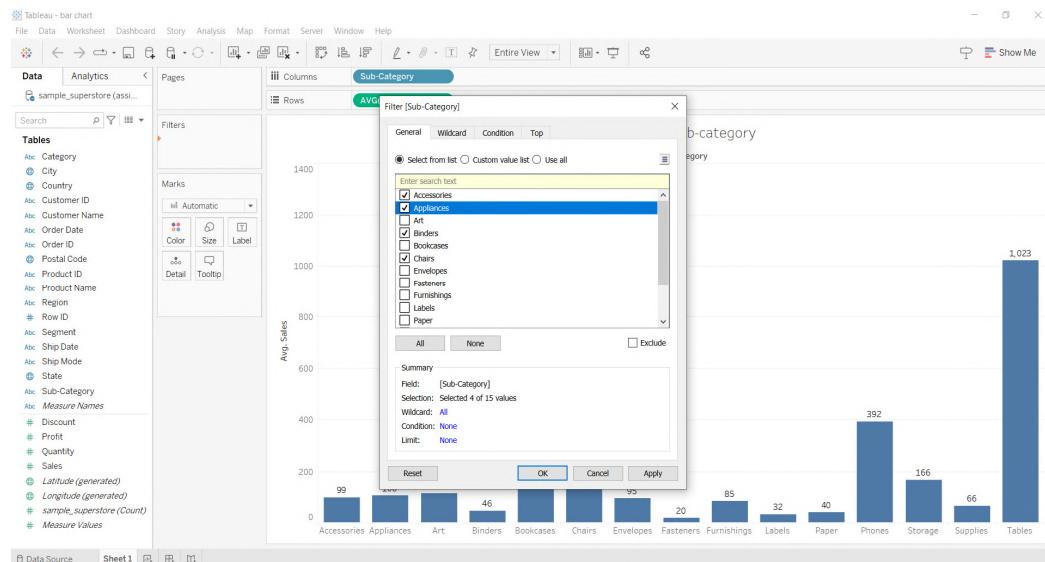


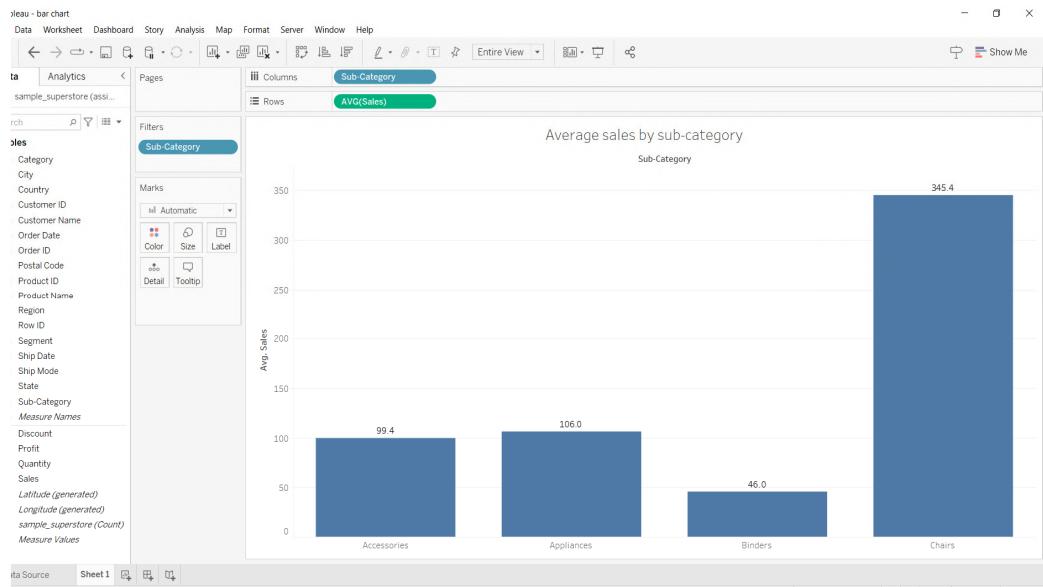
2) Apply dimension filter, context and measure filter on any of the three visualizations

BAR CHART

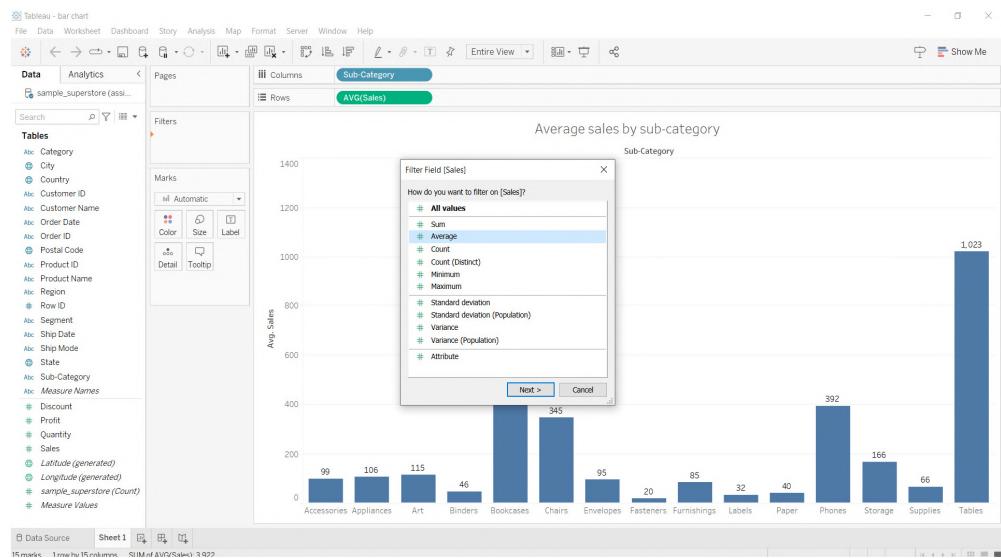


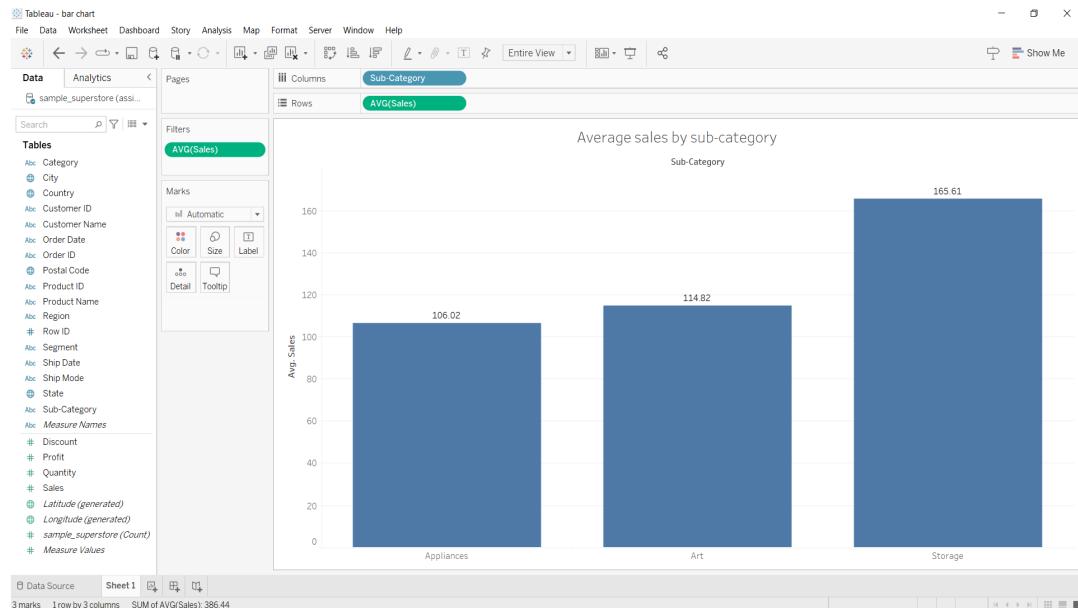
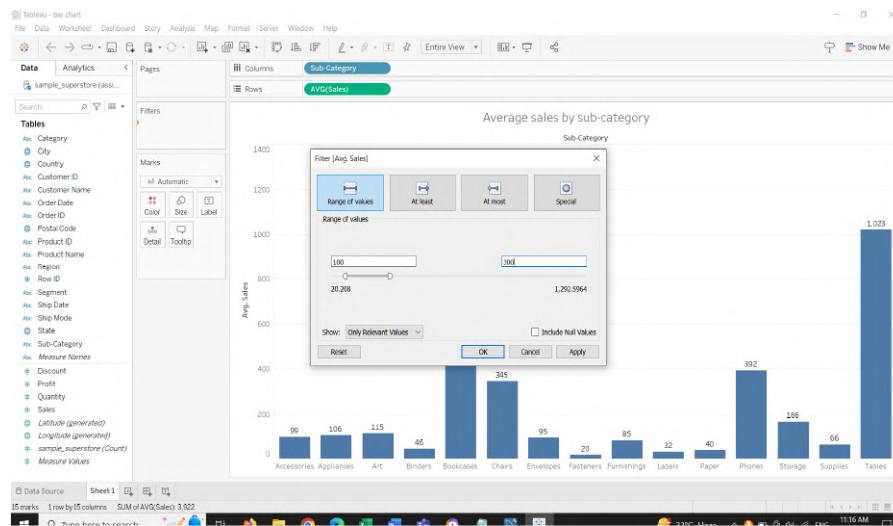
DIMENSION FILTER



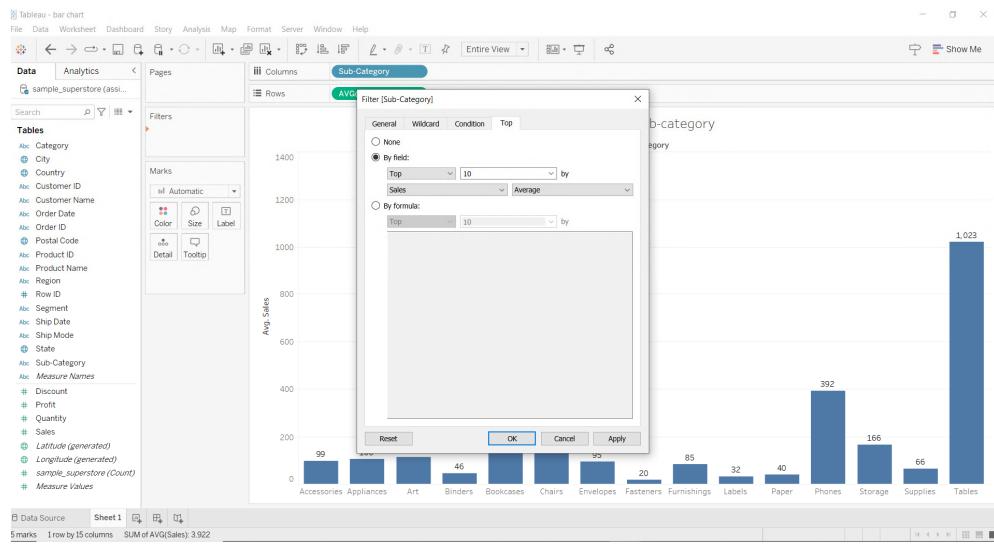


MEASURE FILTER

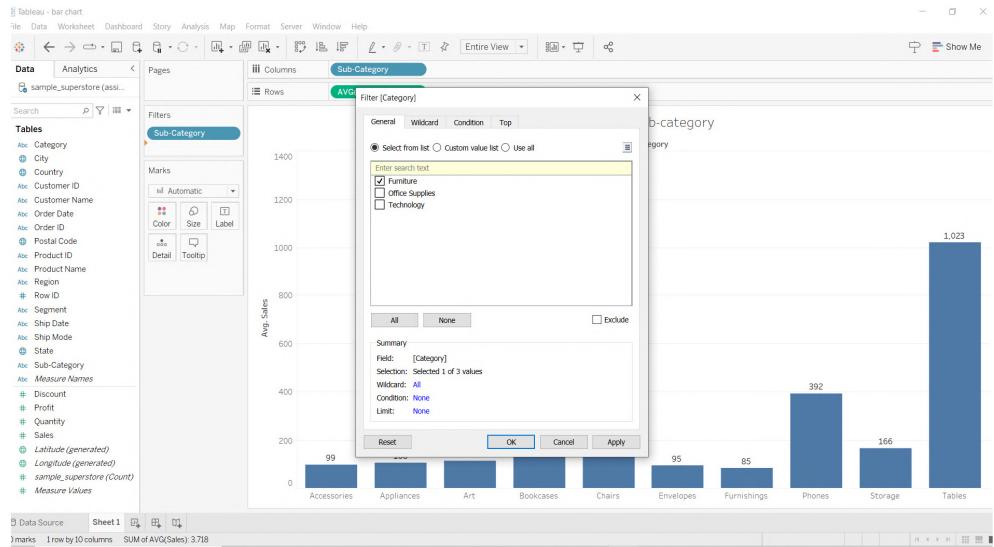


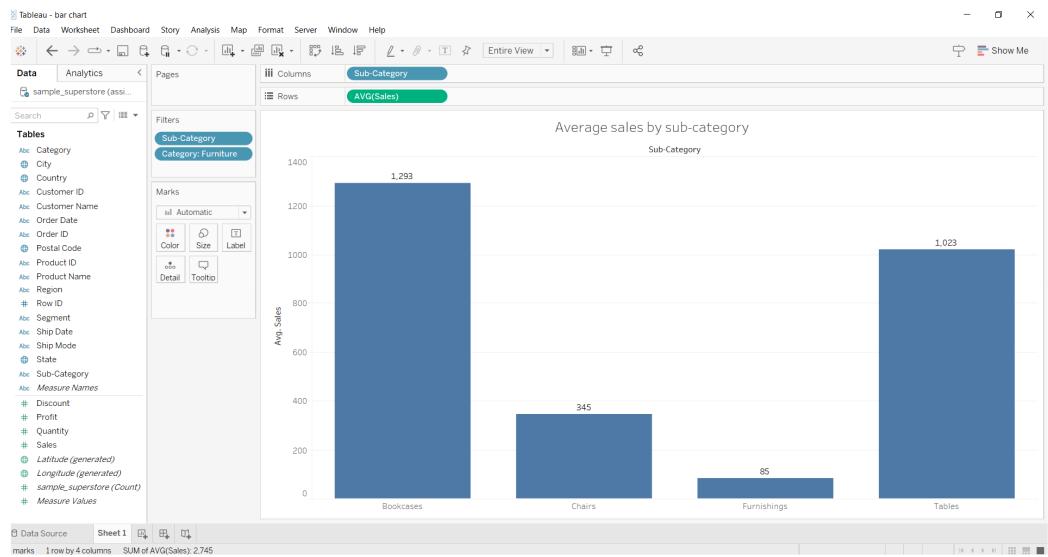


CONTEXT FILTER

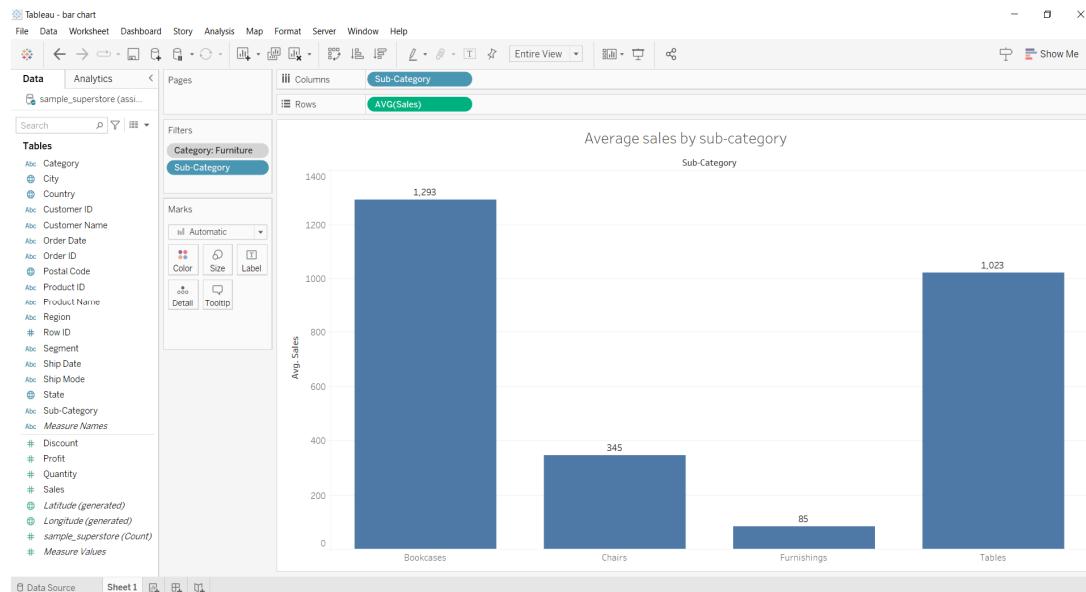


Then we go to the dimension category and choose furniture. Then we add it to the filter.

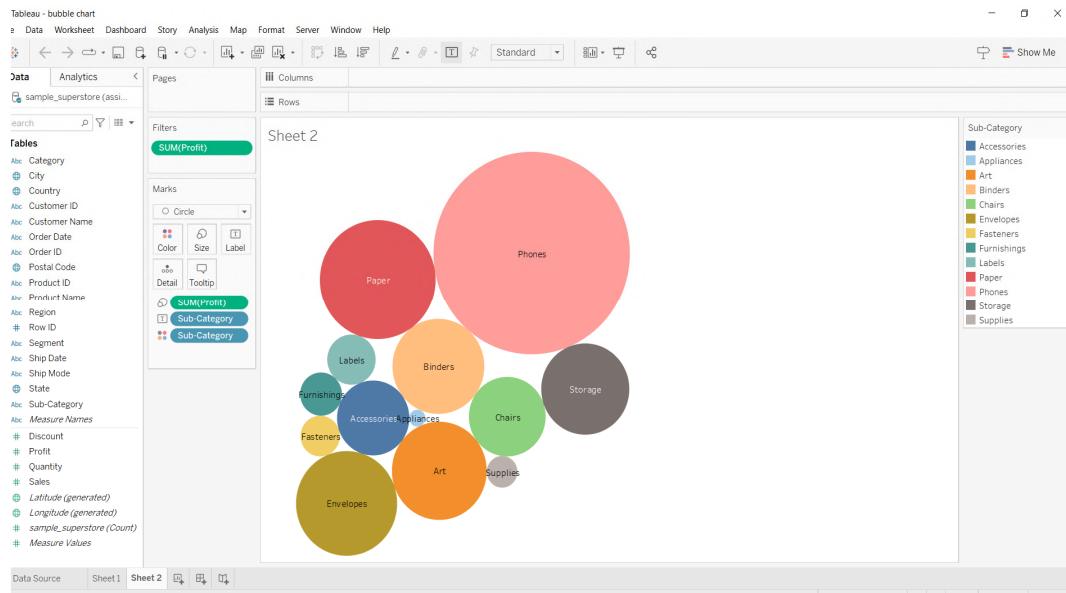




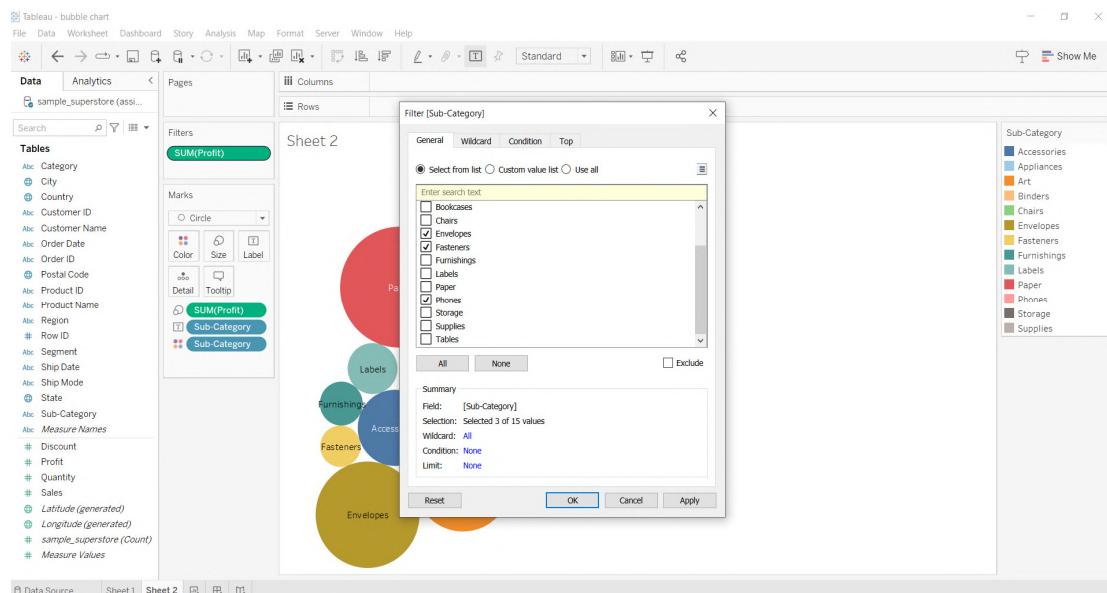
Then we add category: Furniture as context by right clicking and adding it to context.

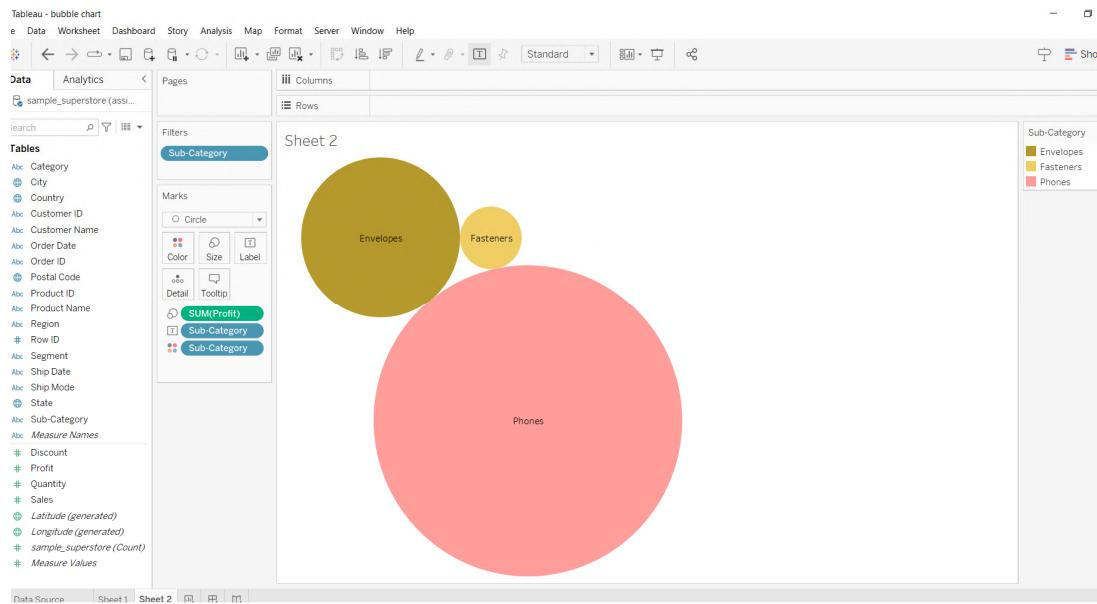


BUBBLE CHART

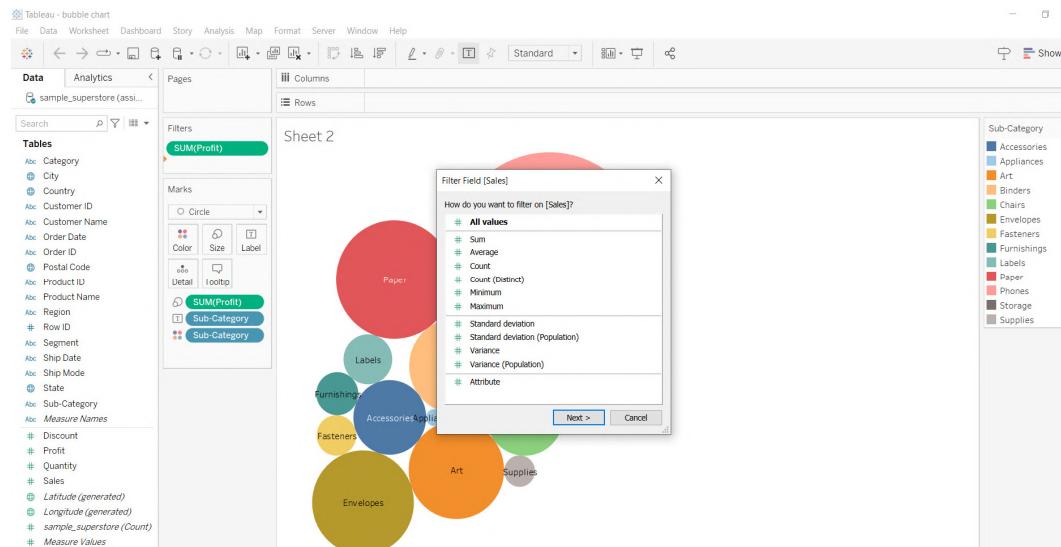


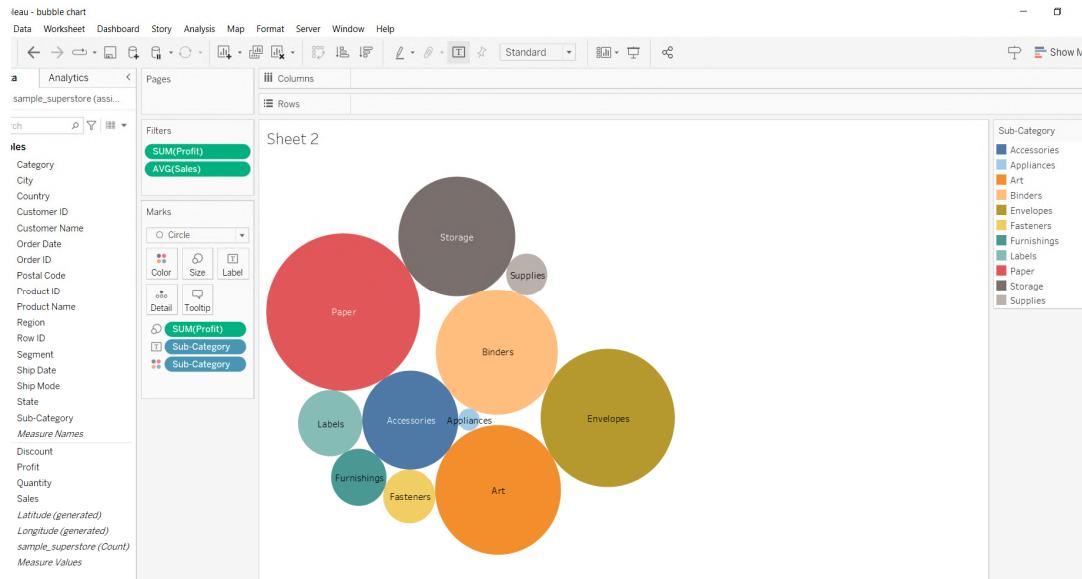
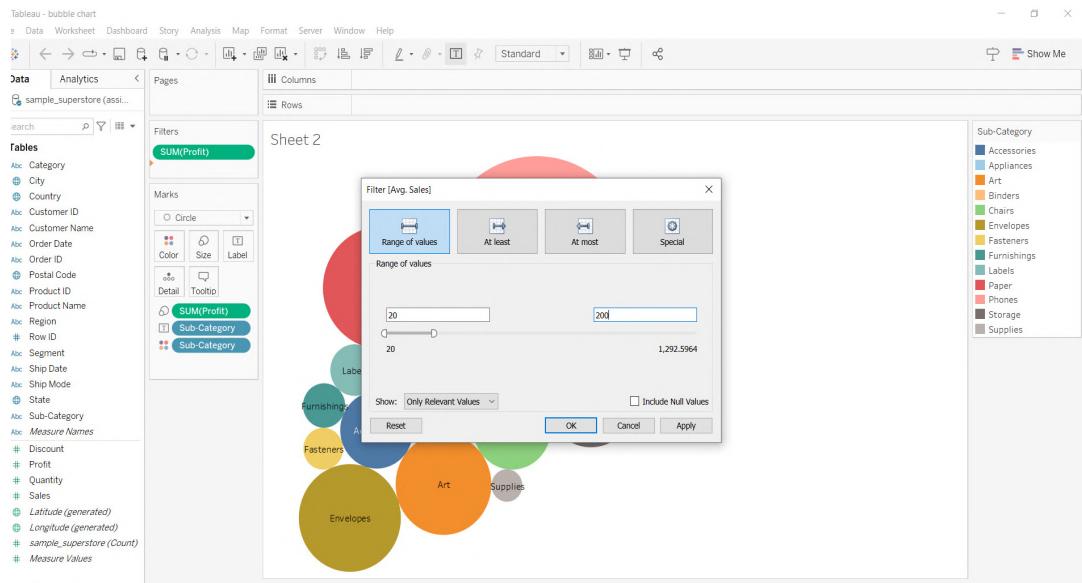
DIMENSION FILTER



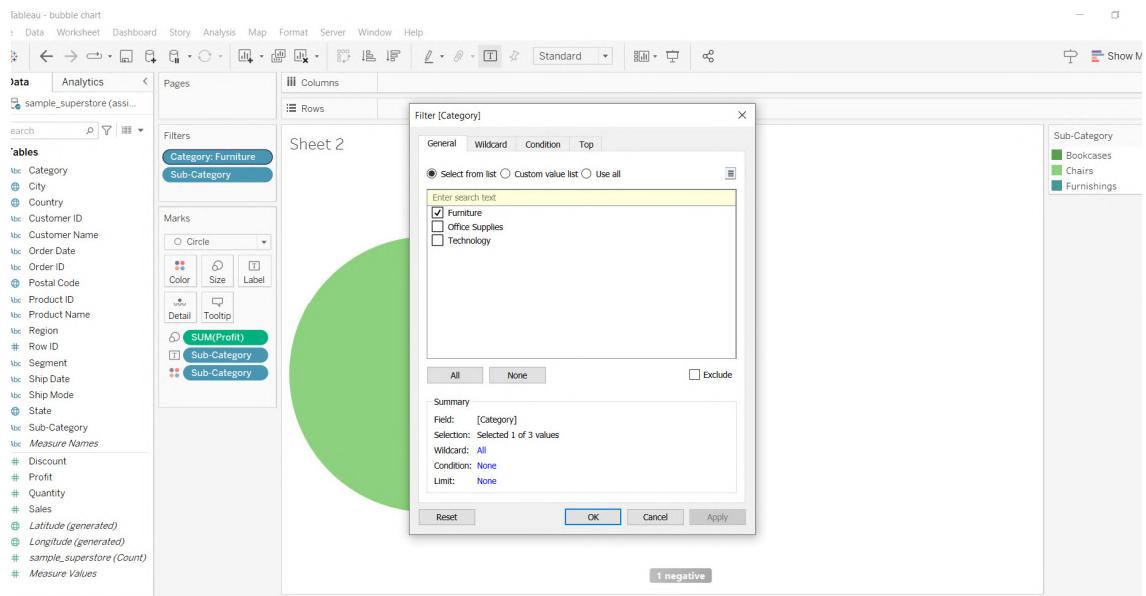
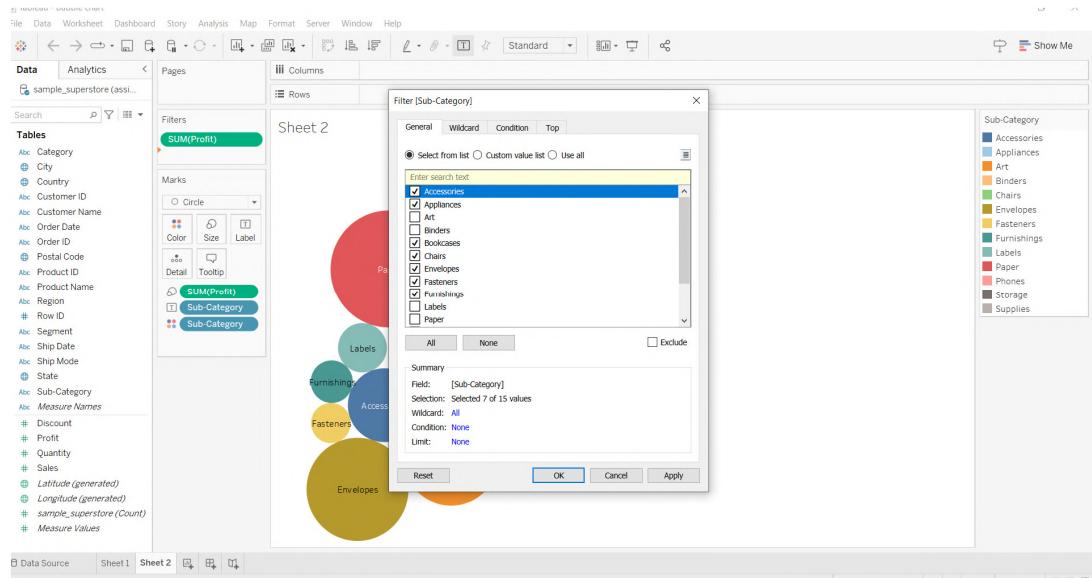


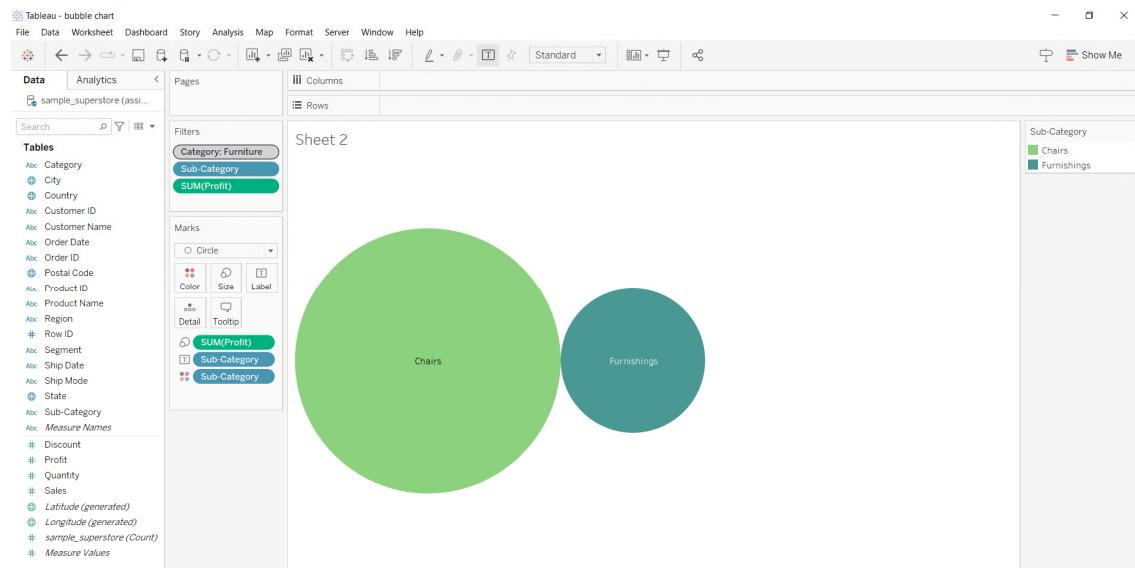
MEASURE FILTER





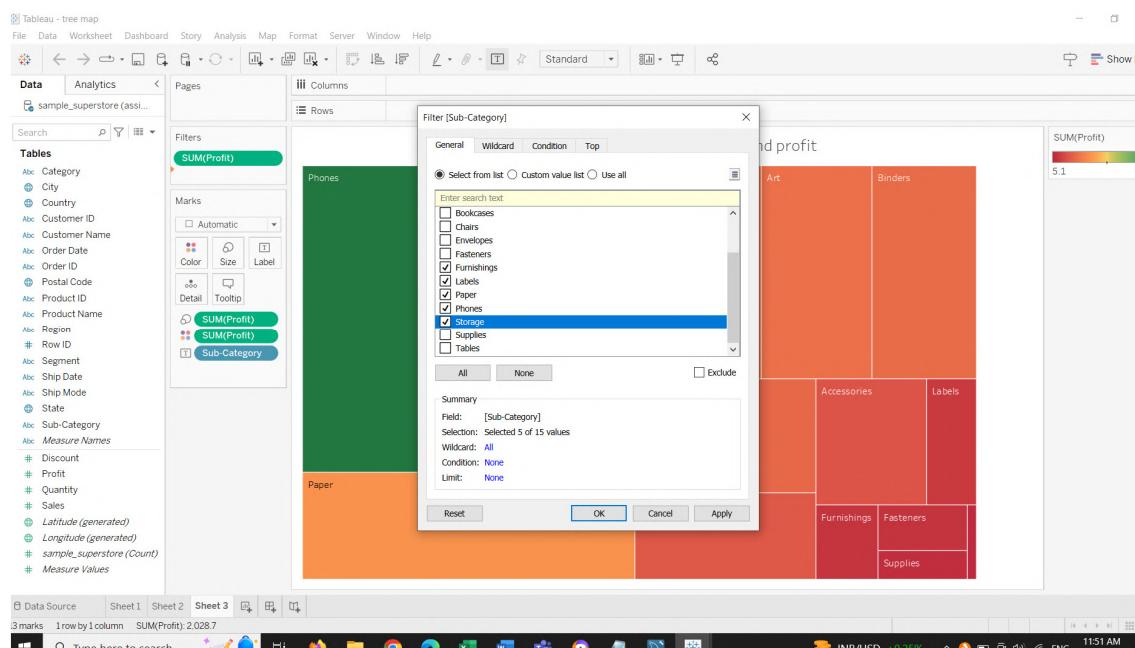
CONTEXT FILTER

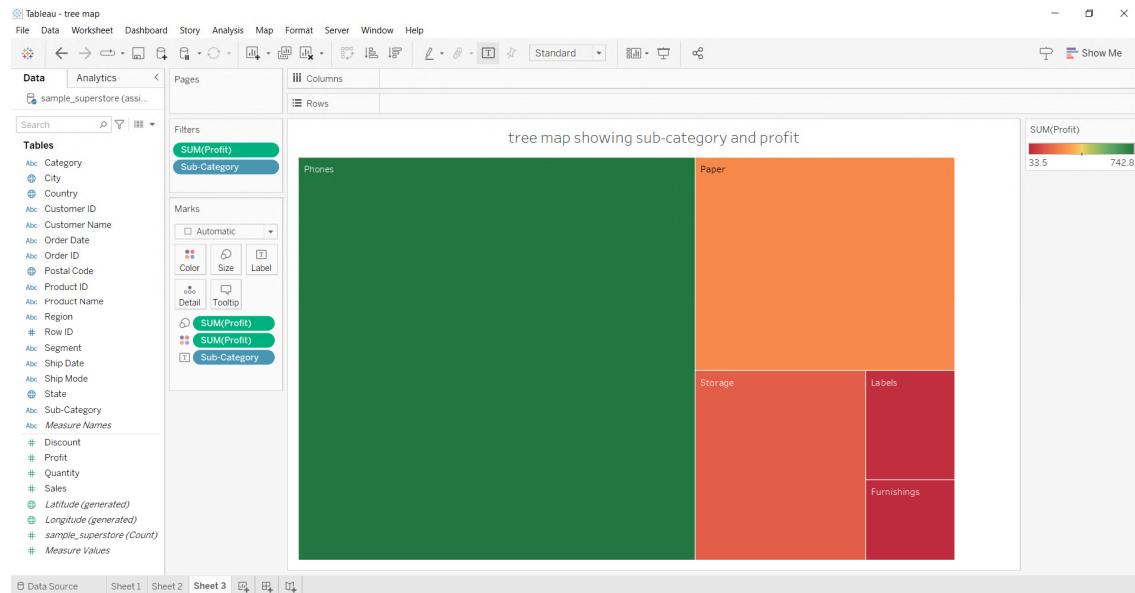




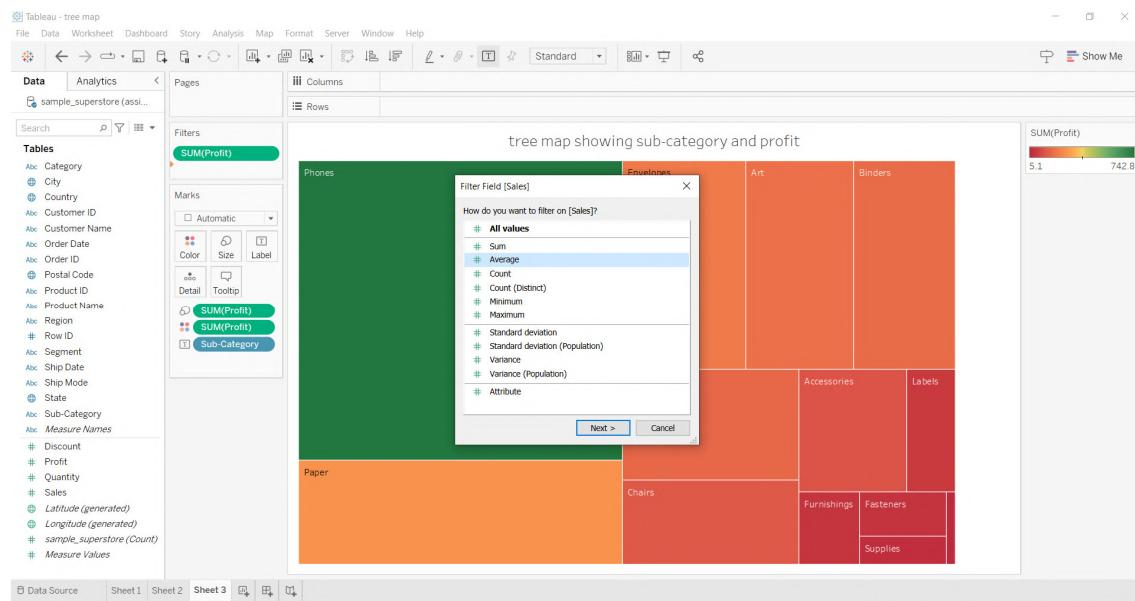
TREE MAP-

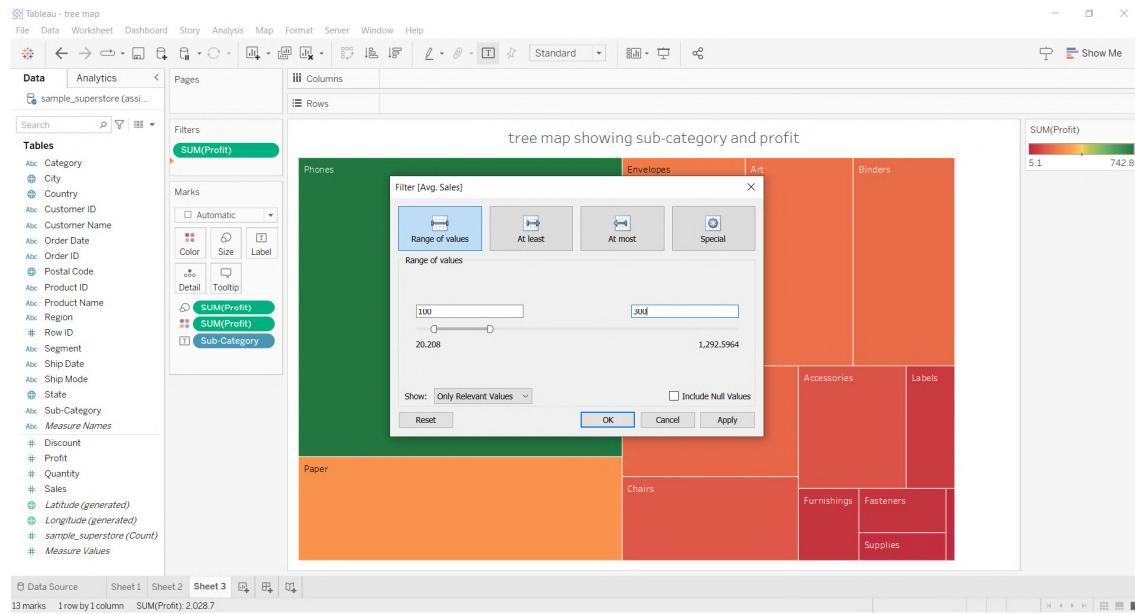
DIMENSION FILTER-



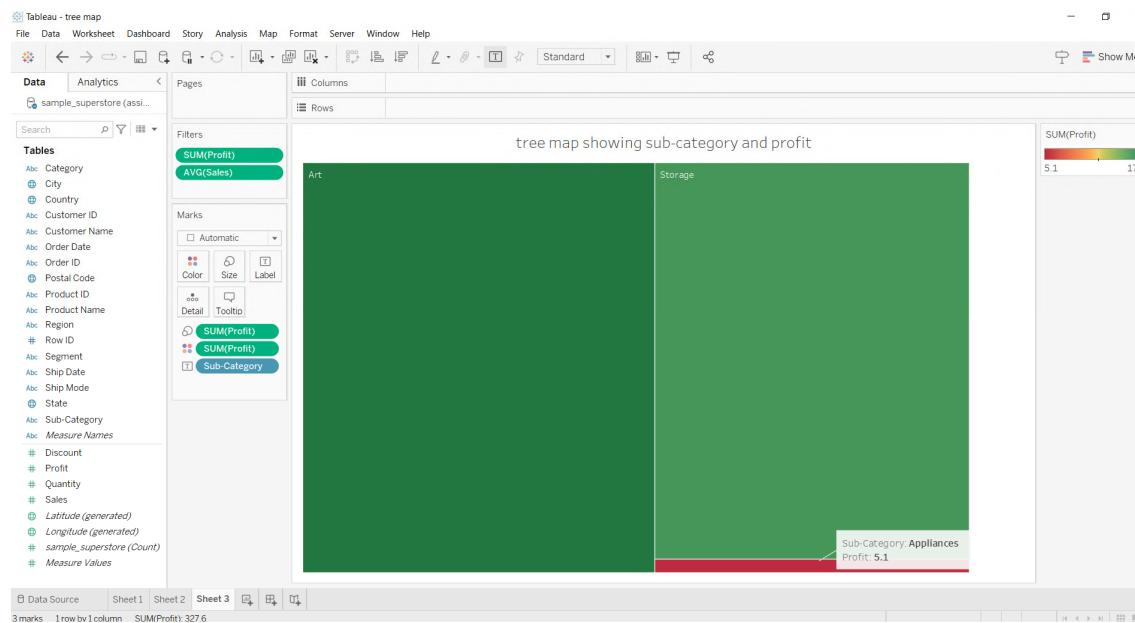


MEASURE FILTER-

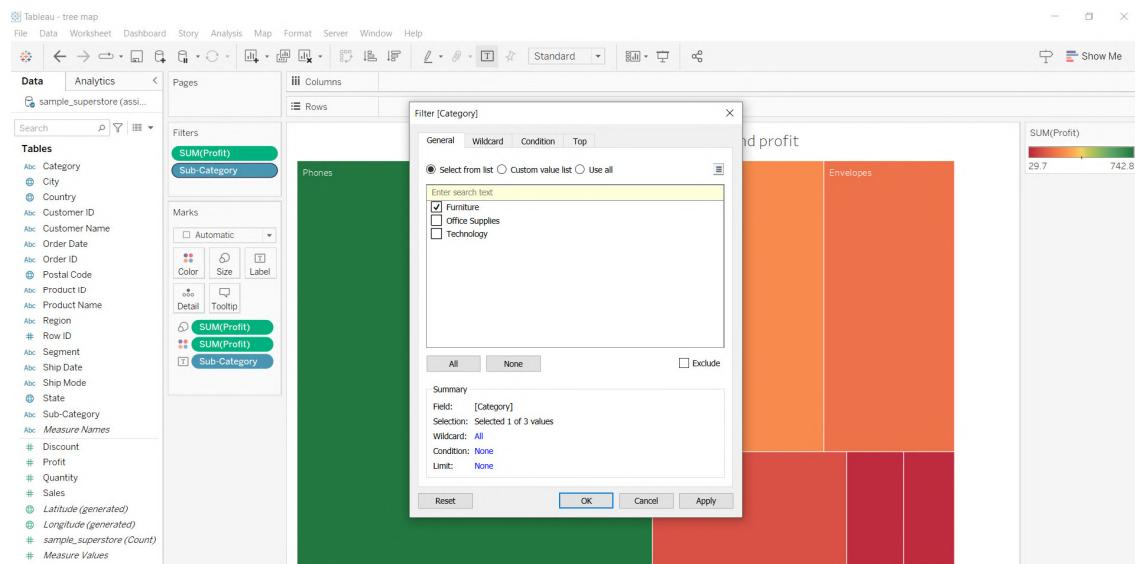
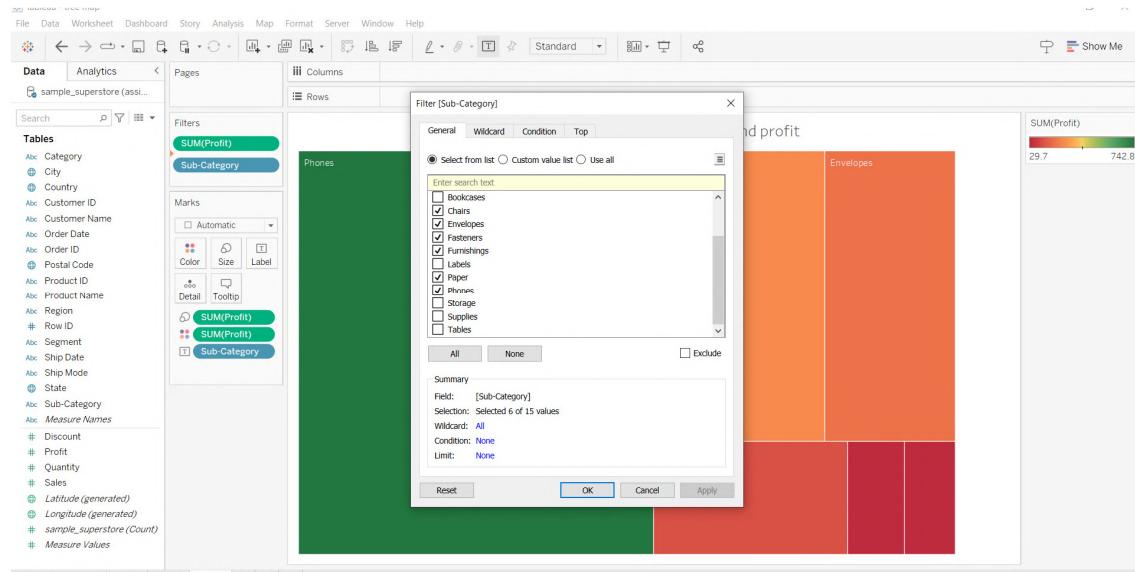


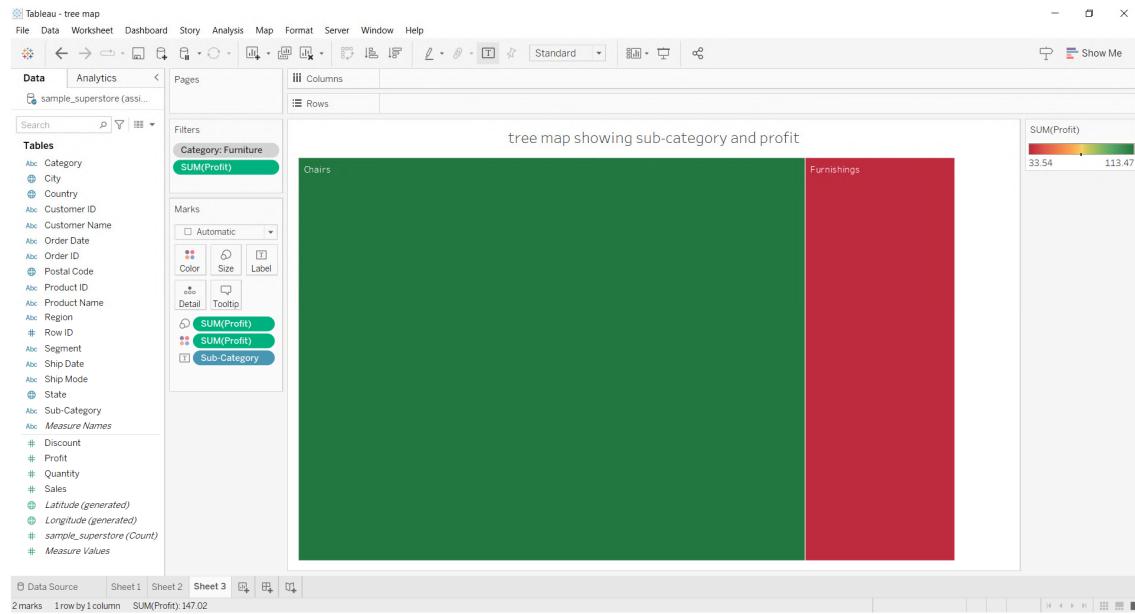


Result is:



CONTEXT FILTER-



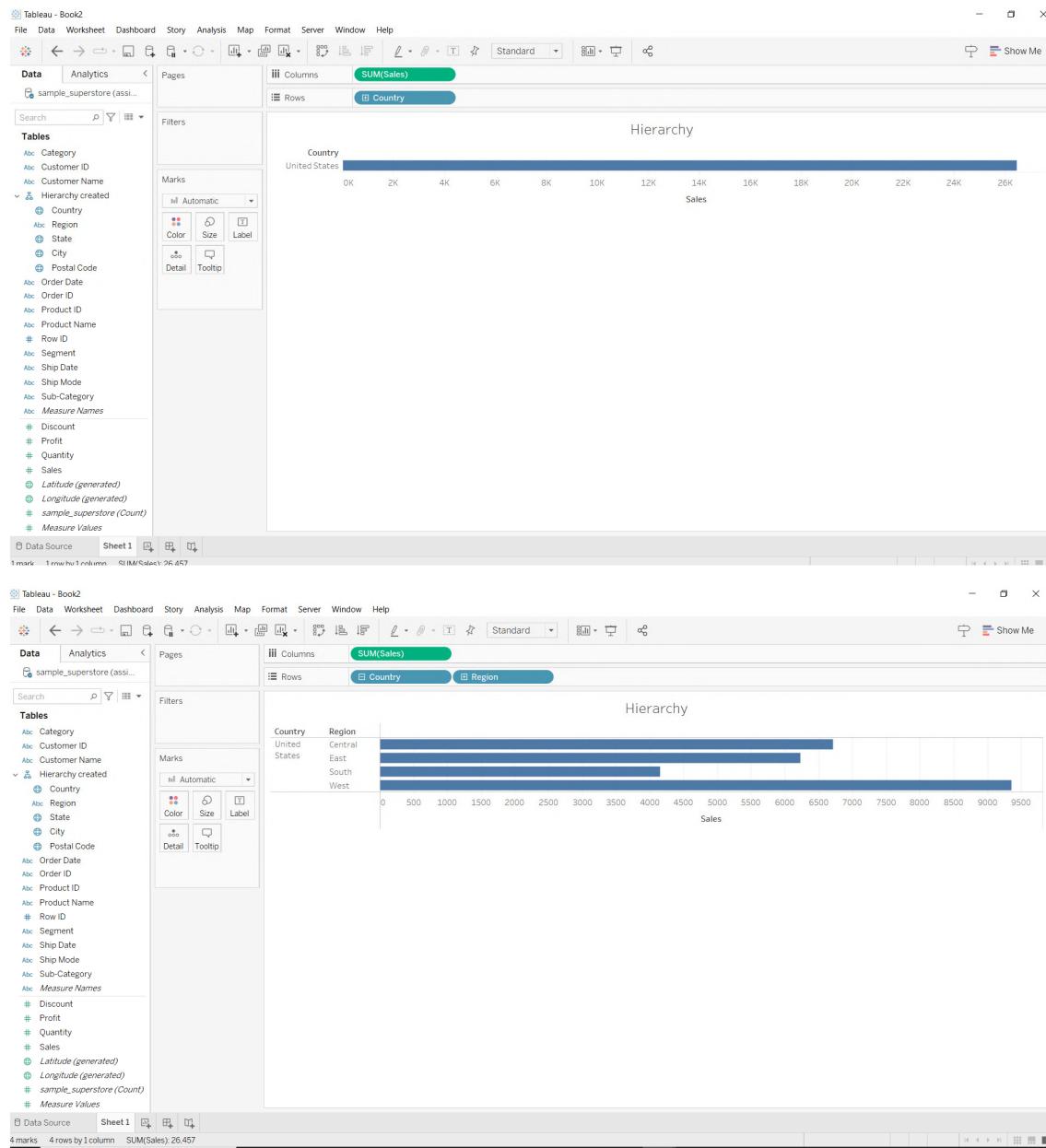


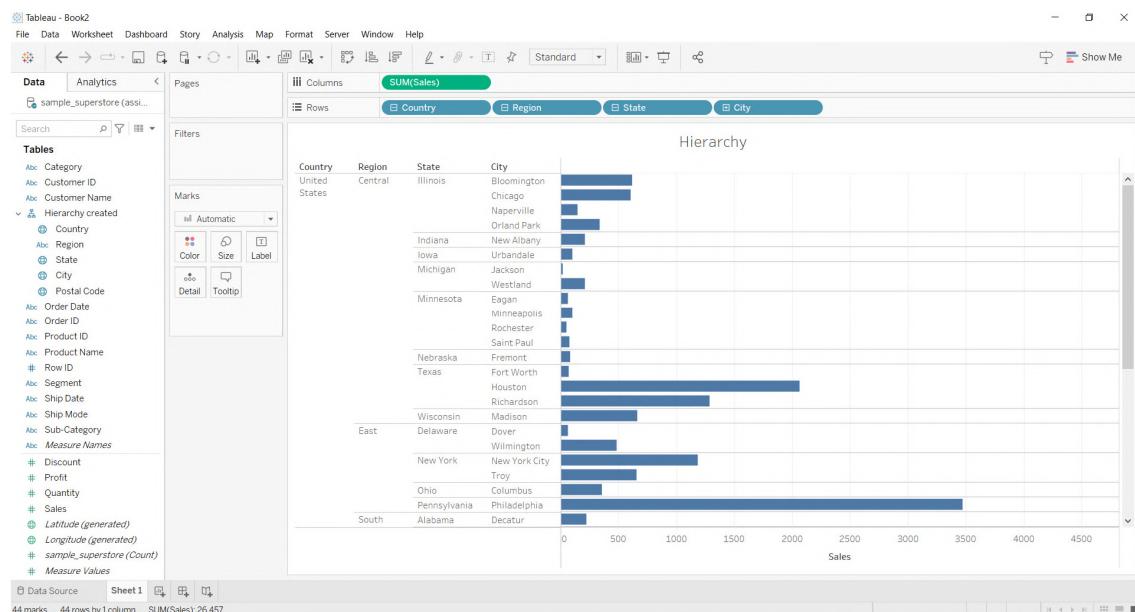
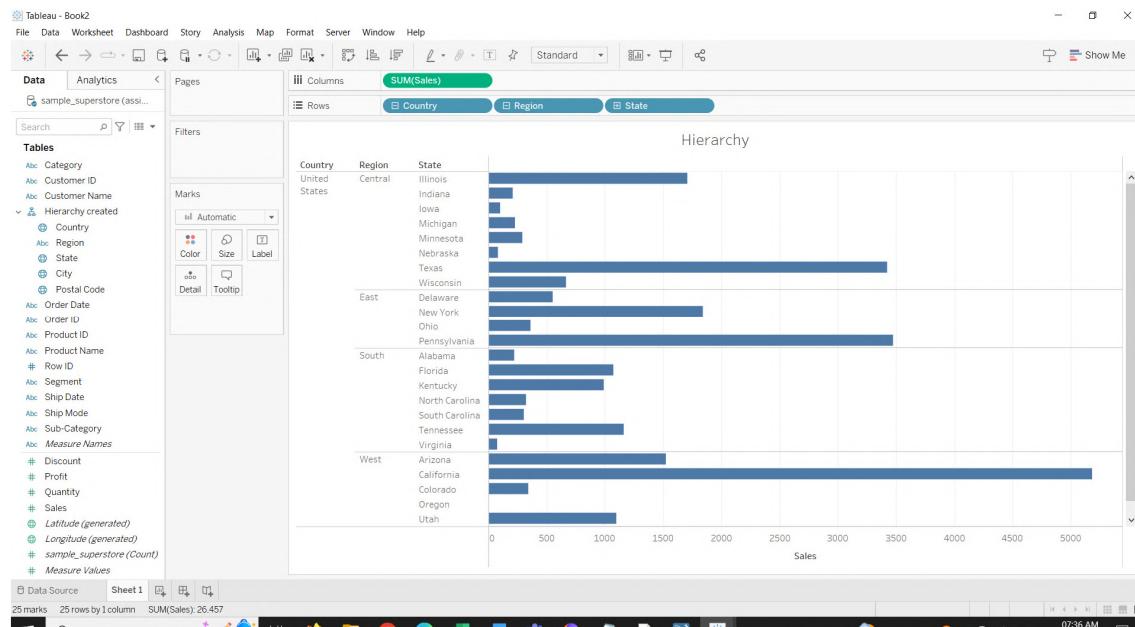
3) Perform the following data manipulations on your dataset

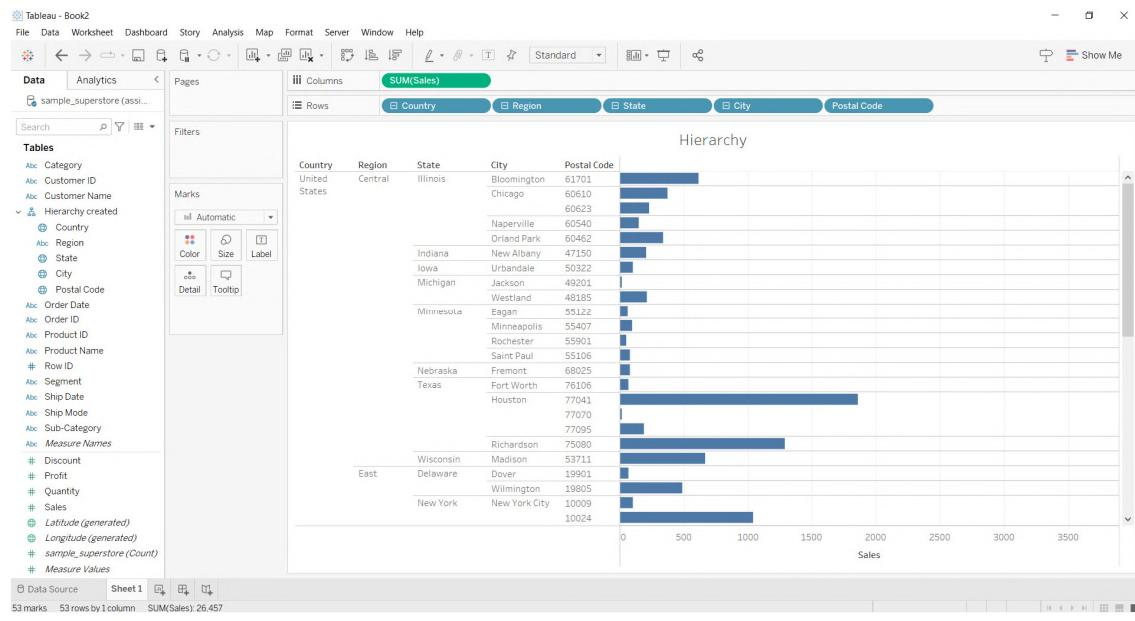
- create a Hierarchy
- create a set
- create a group

- **HIERARCHY**

We create a hierarchy of country -> region -> state -> city -> postal code

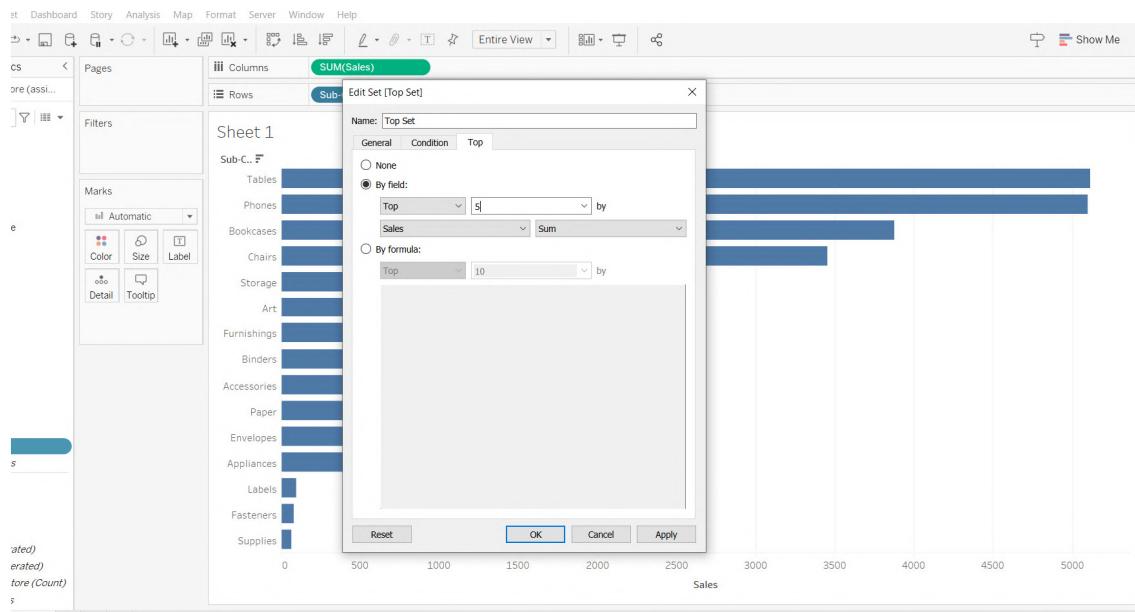


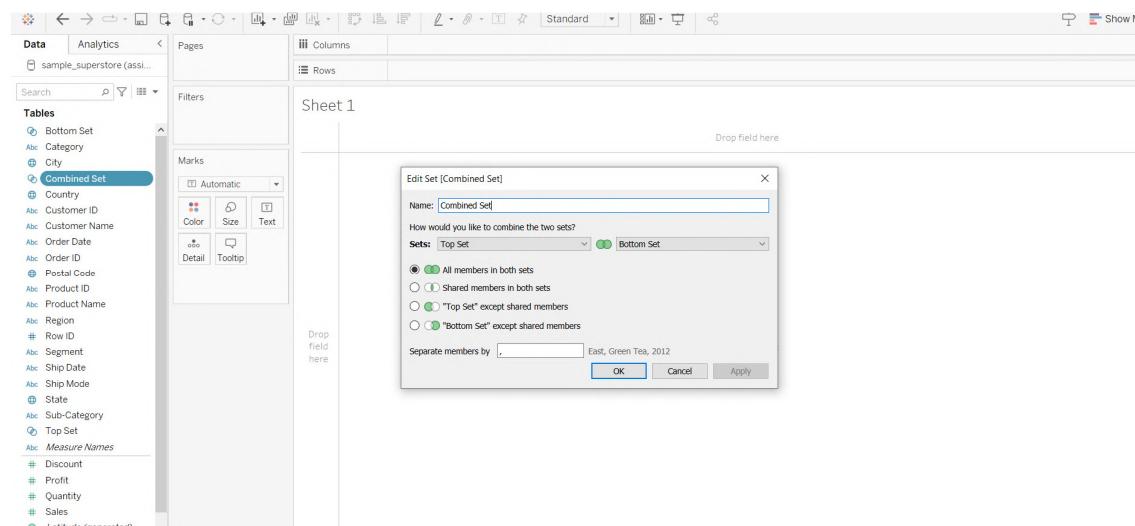
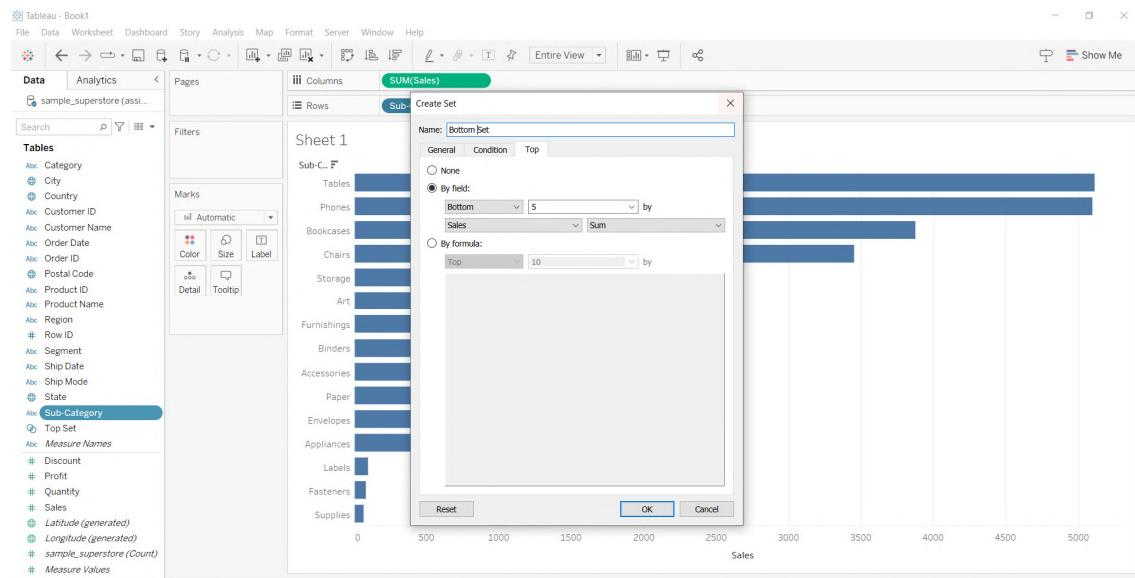


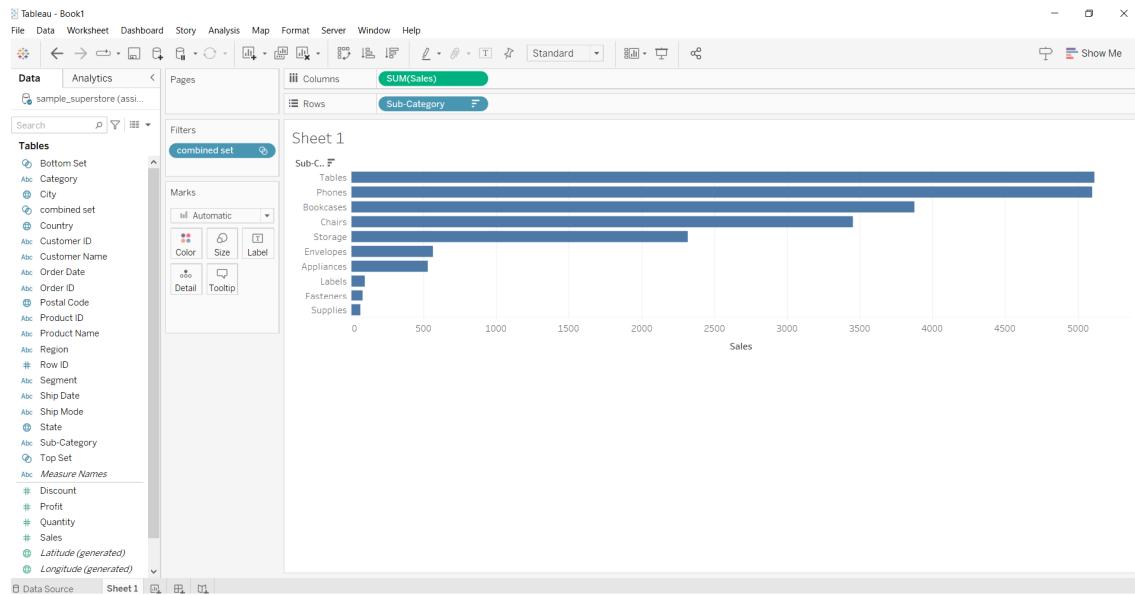


• SET

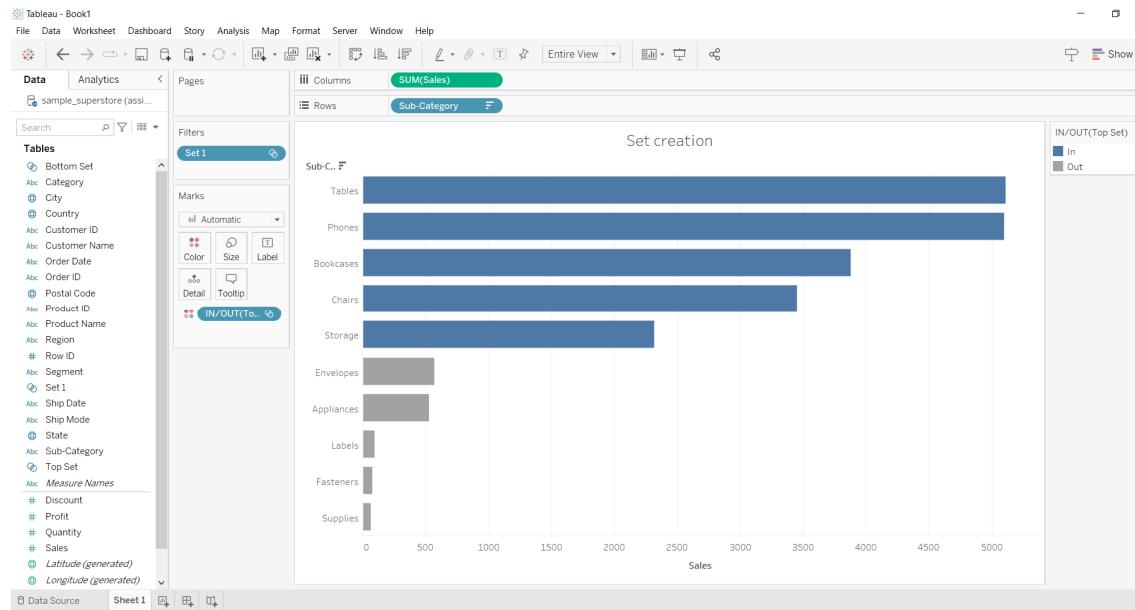
We create two set from sub-category.





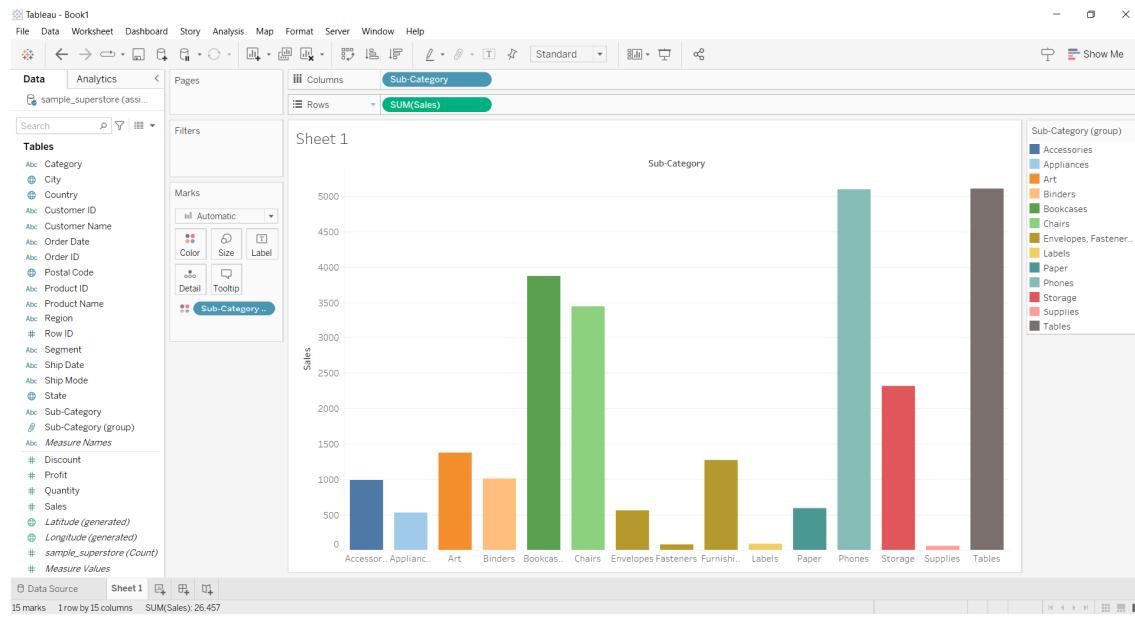
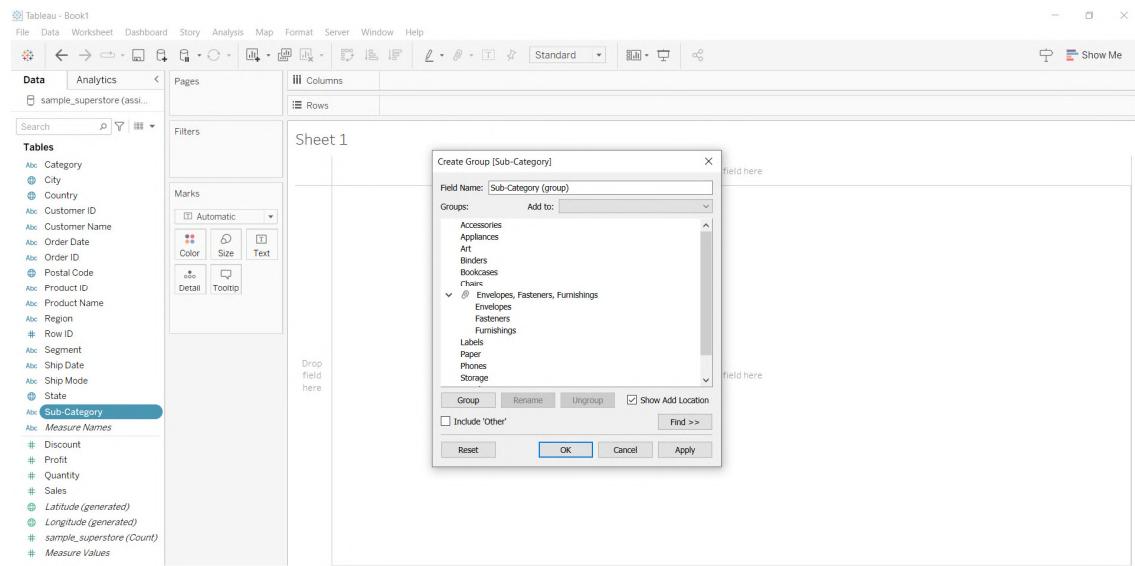


Then we take top set and put in color.



● GROUP

We create a group of sub-category.



The items selected form a group so have same color.

