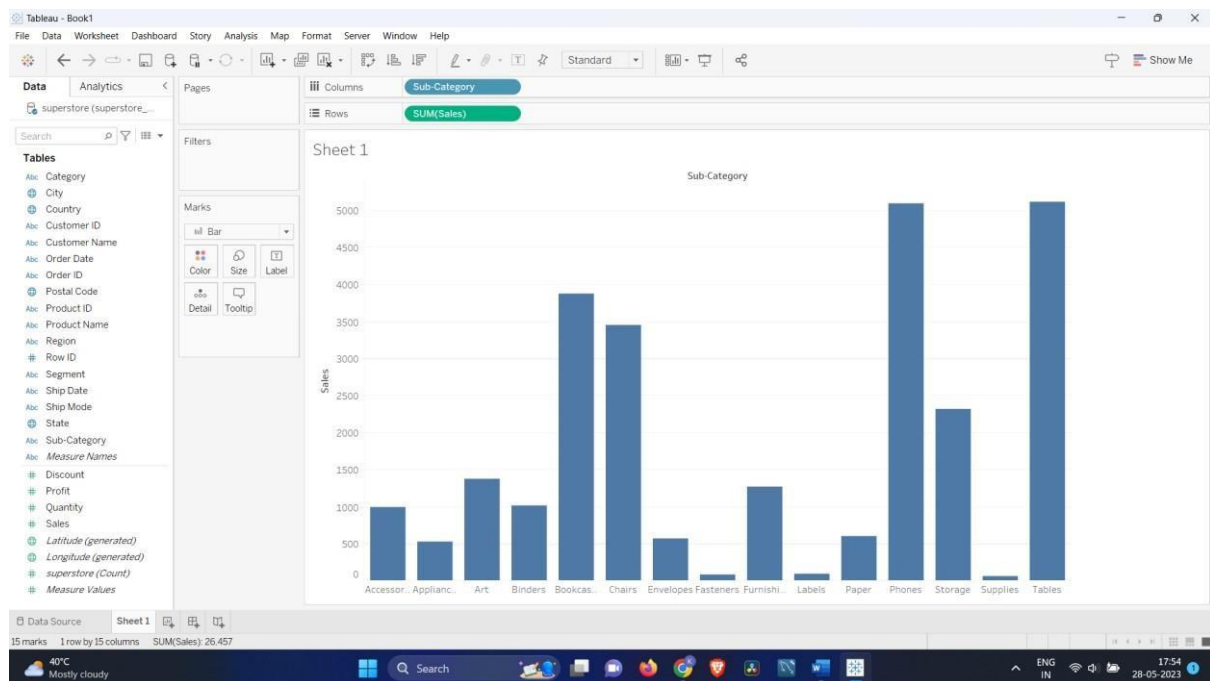


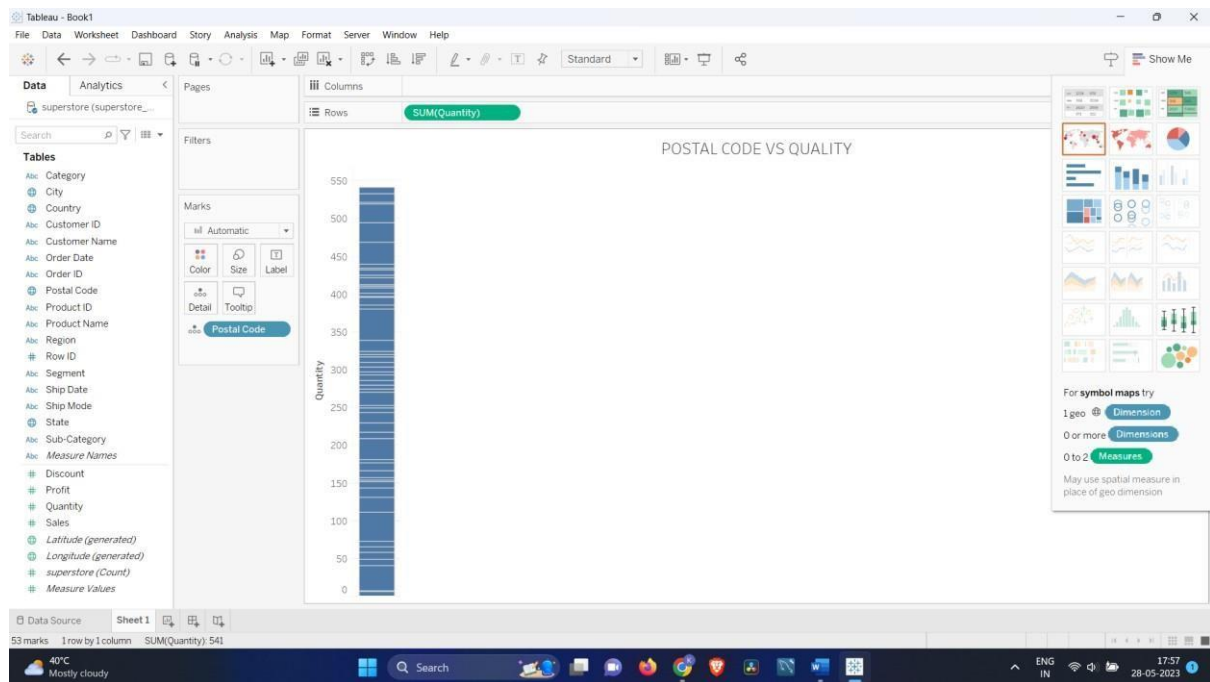
**SMART BRIDGE DATA ANALYTICS****ASSINGMENT-2**

NAME:K.P.SHASHAANK

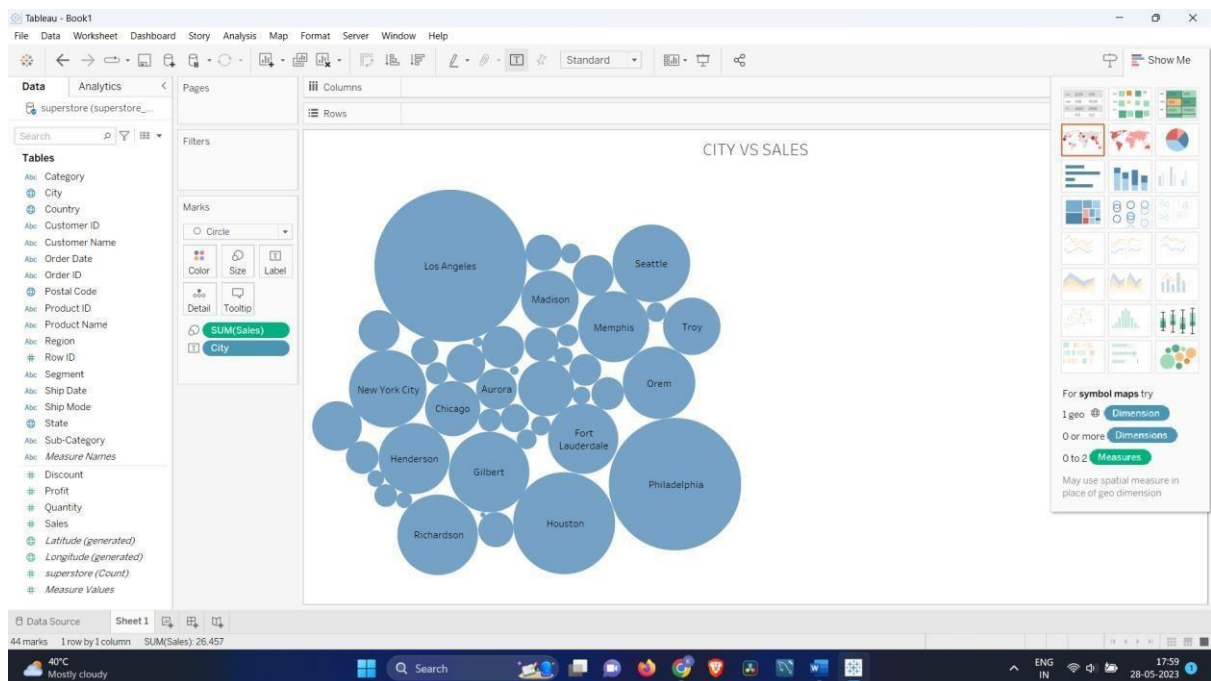
REG NO: 20BCE2428

CAMPUS: VIT VELLORE

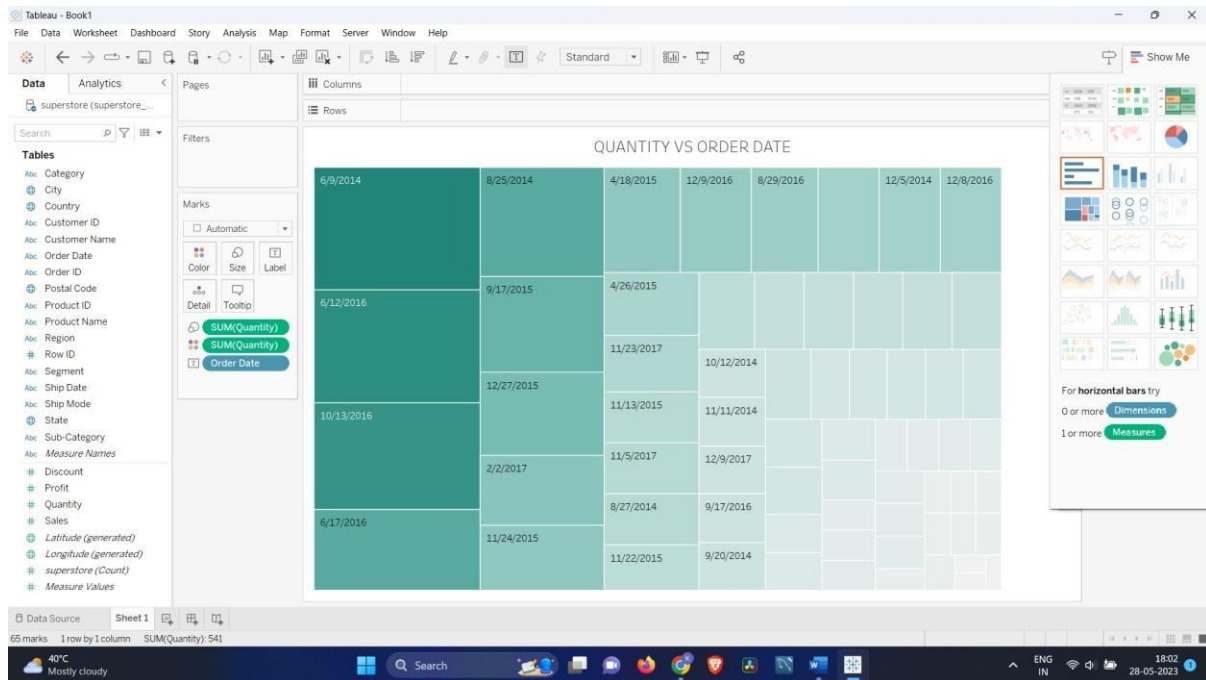
1)Create any 7 data visualizations/charts and perform the following. [Bar](#)[graph](#)[Stacked bar:](#)



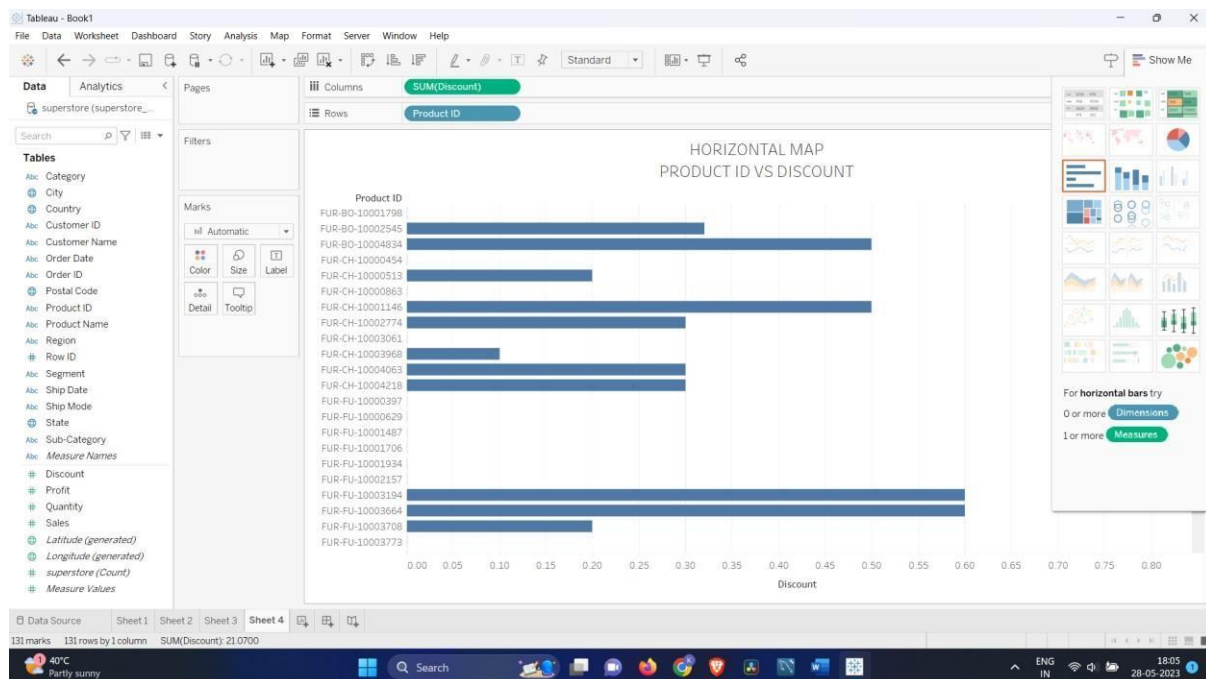
### Packed bubble:



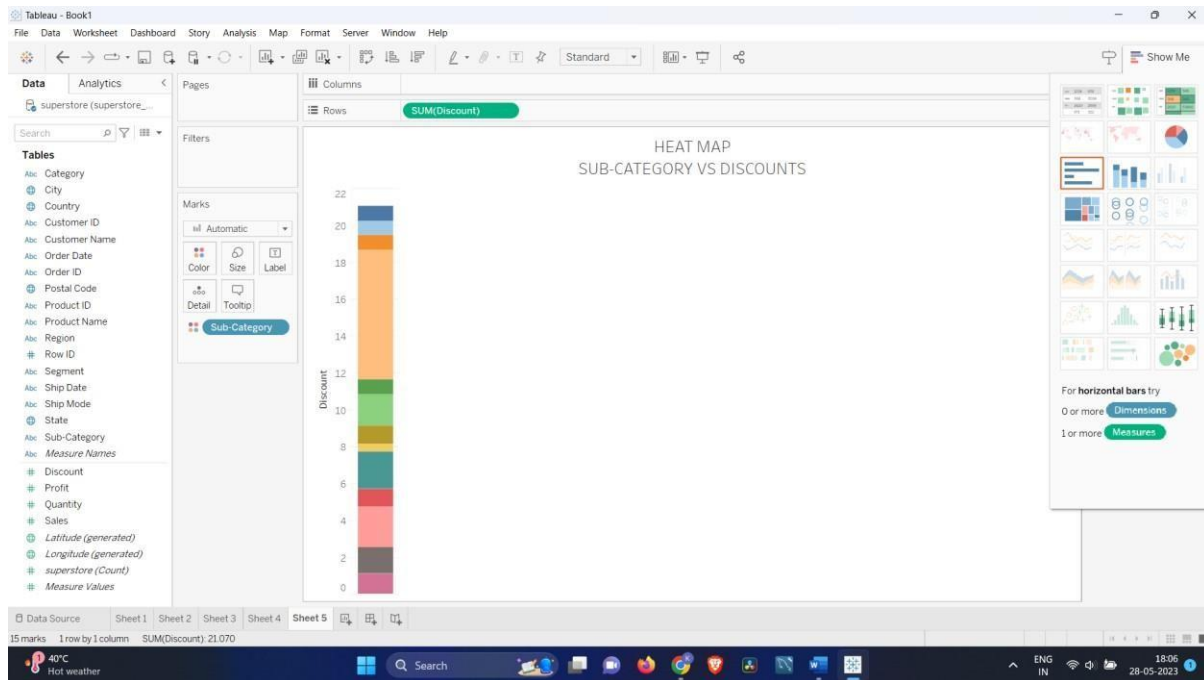
### TREE MAP:



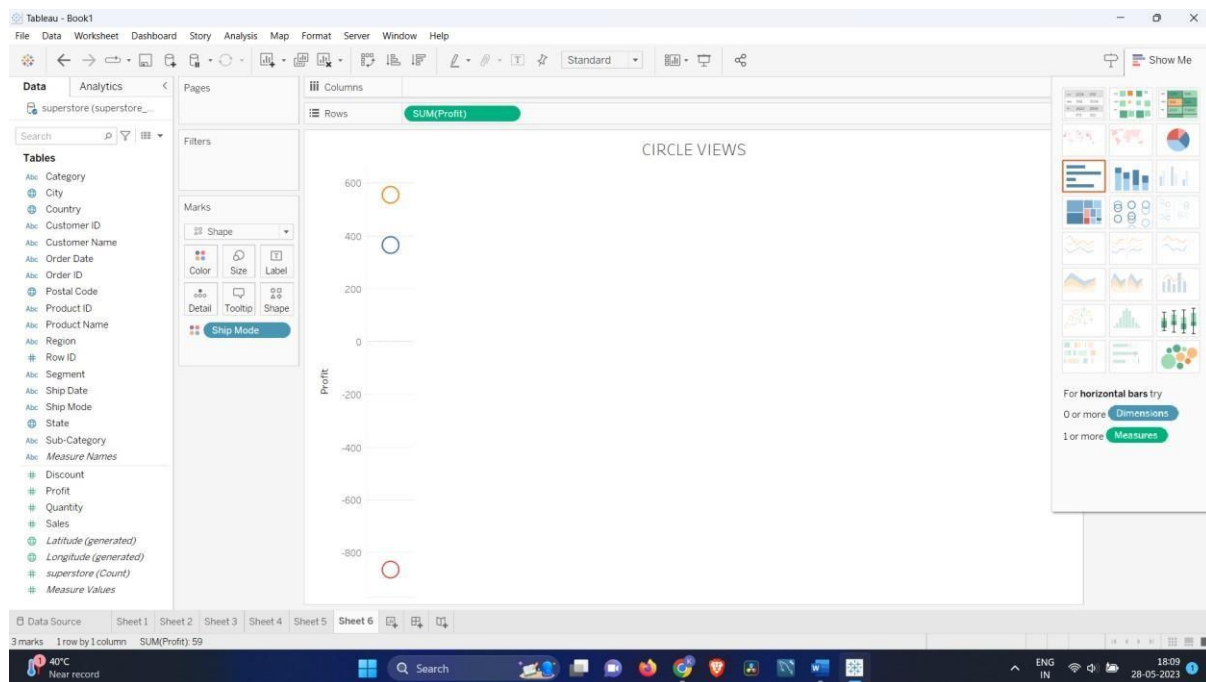
## HORIZONTAL MAPS:



## HEAT MAPS:

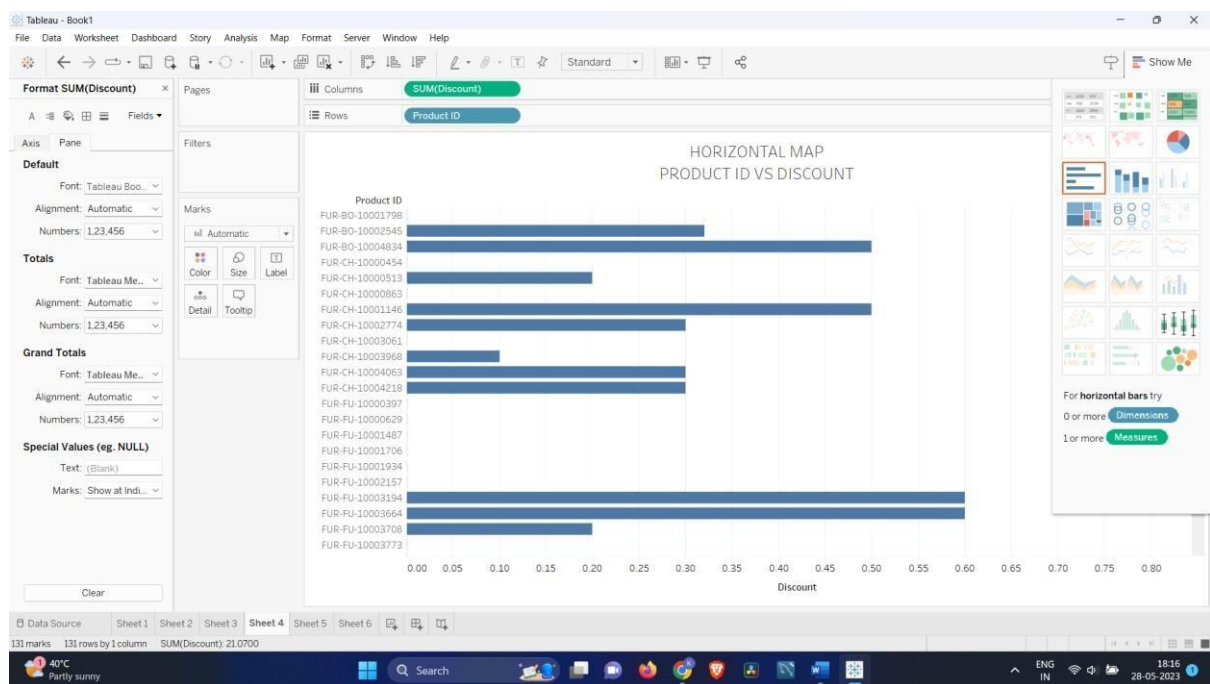
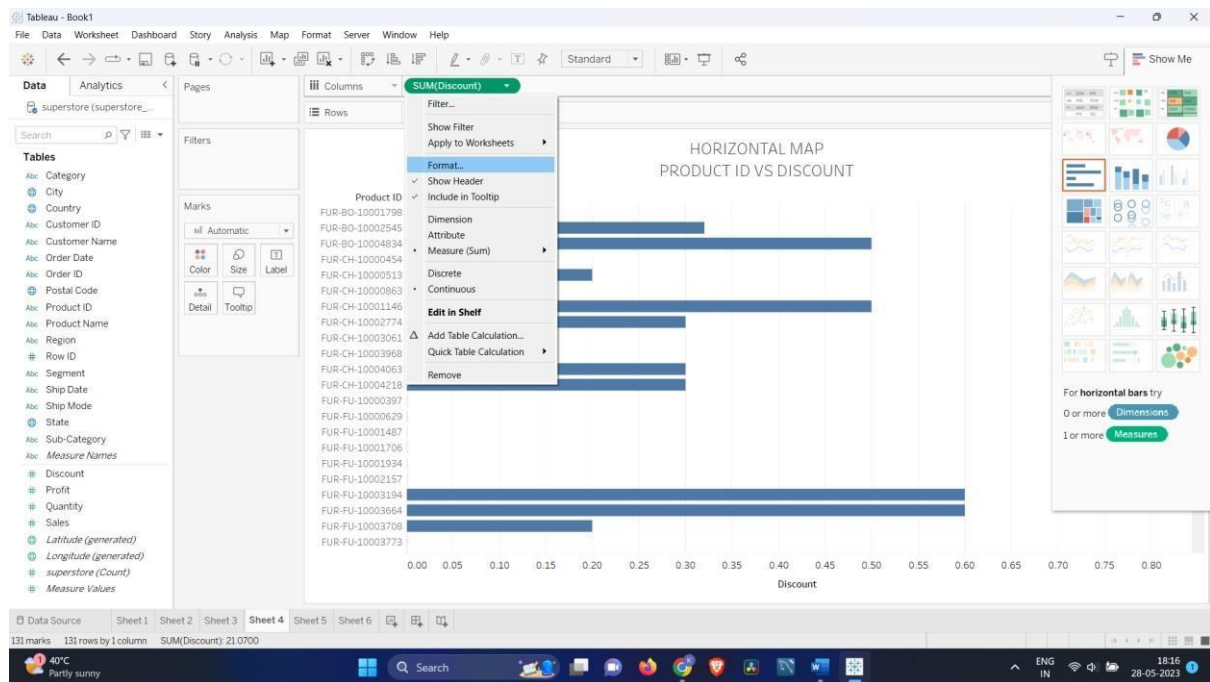


## CIRCLE VIEWS:

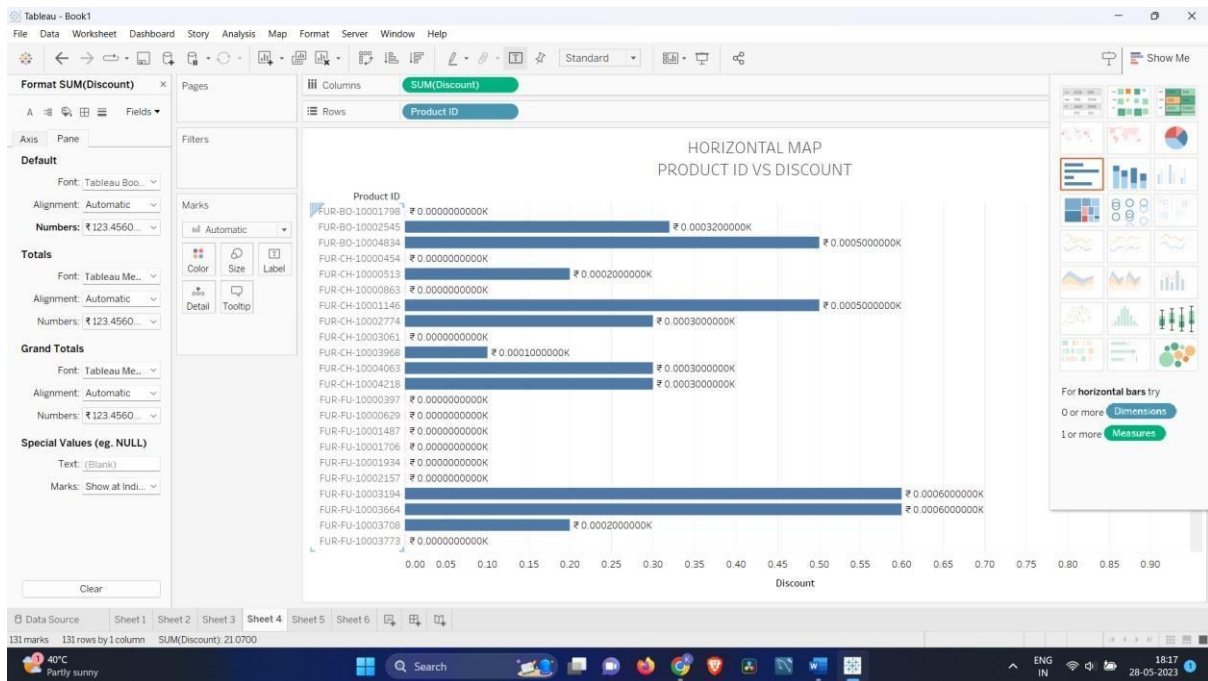
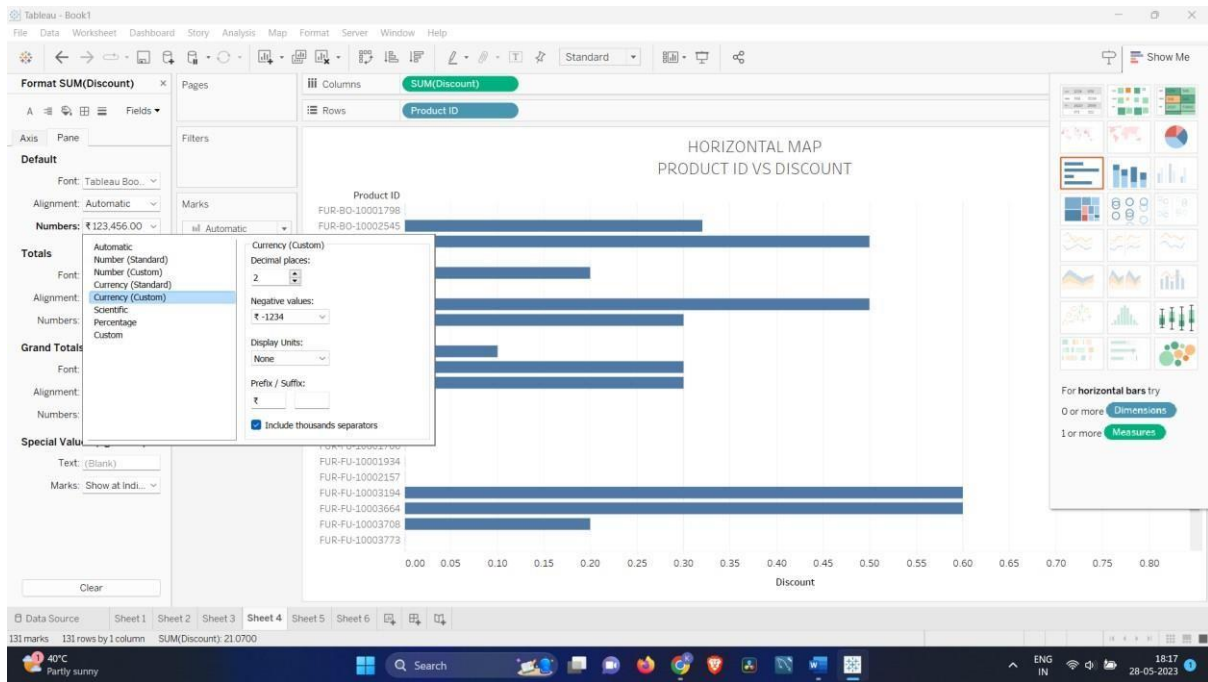


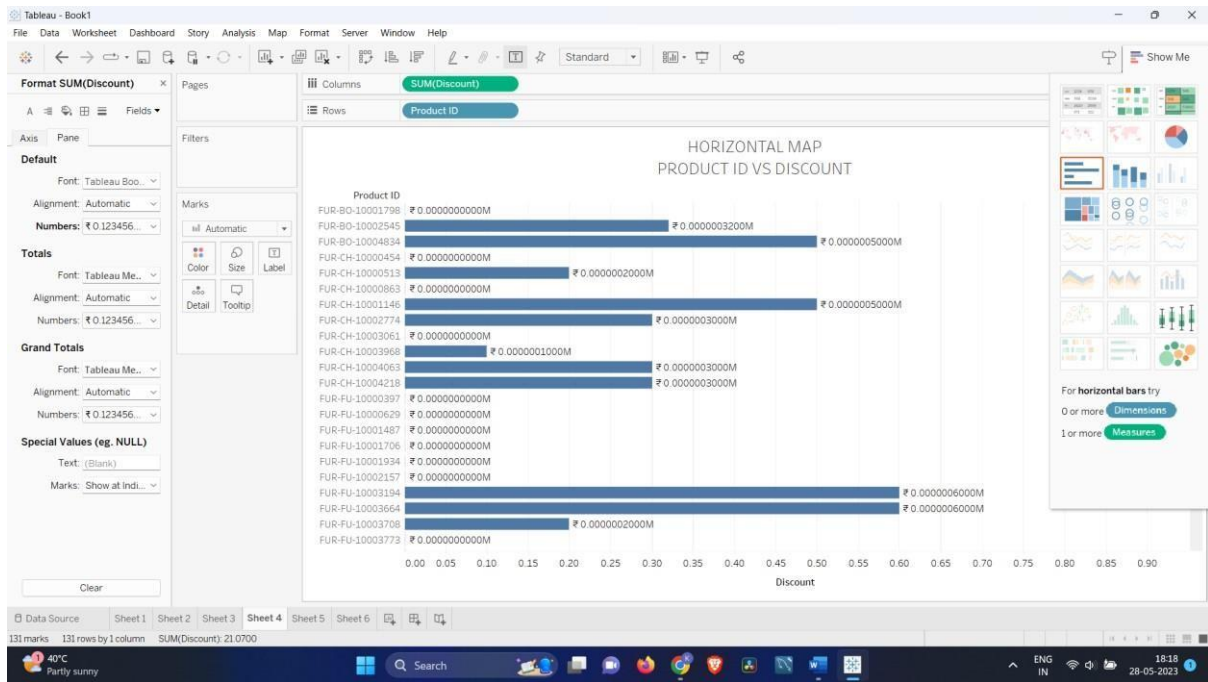
2) Apply dimension filter, context and measure filter on any of the three Visualizations.

## Dimension filter

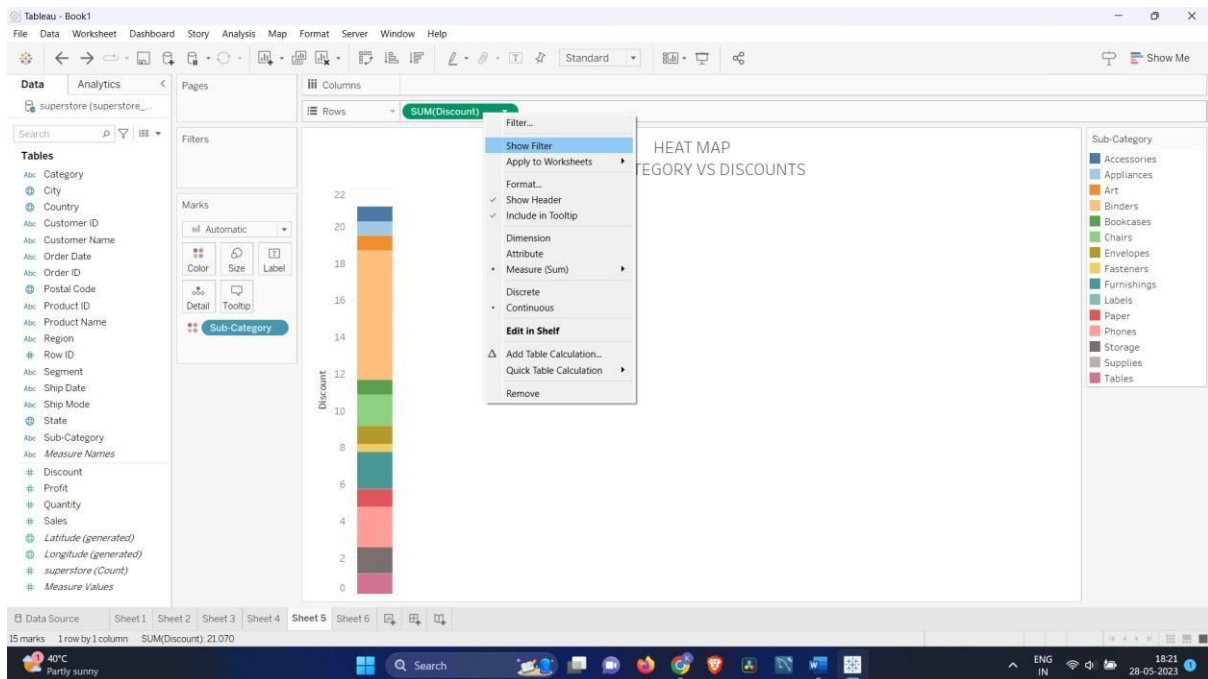


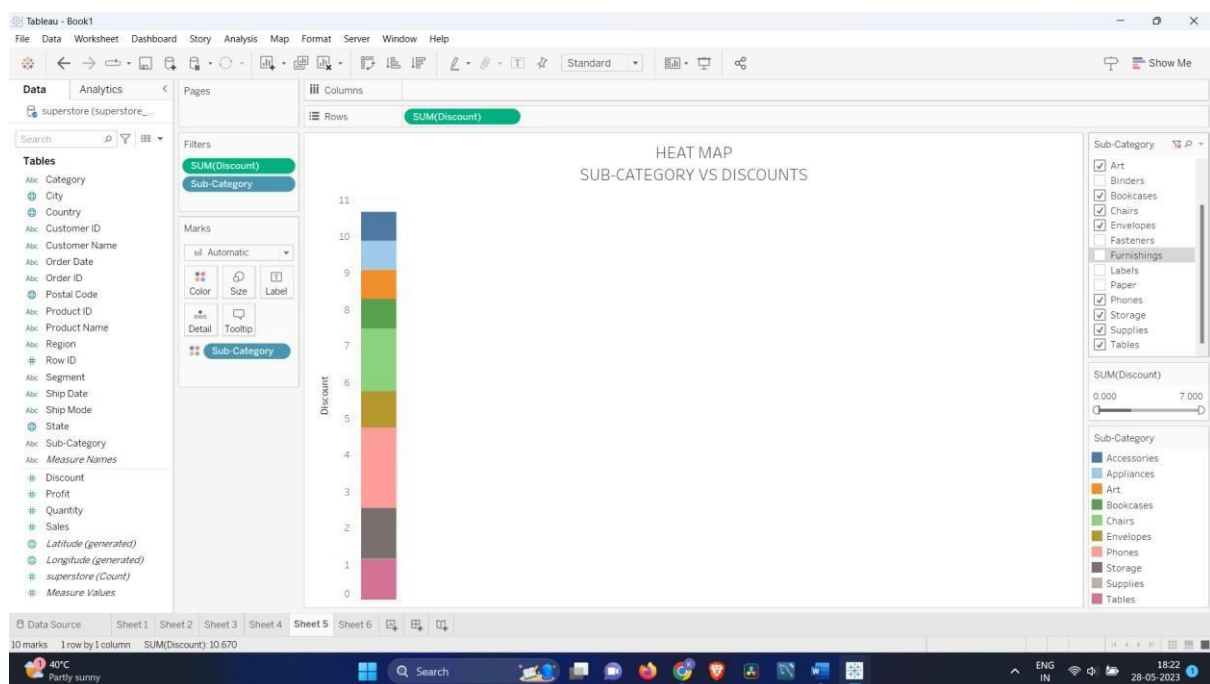
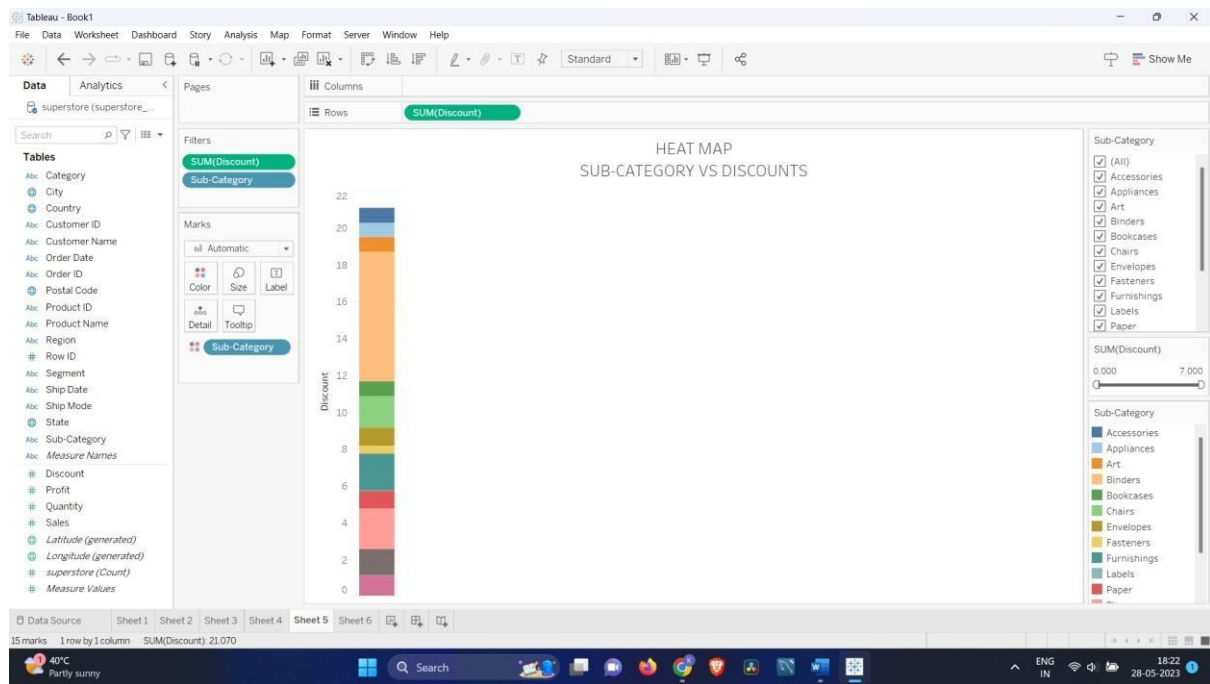




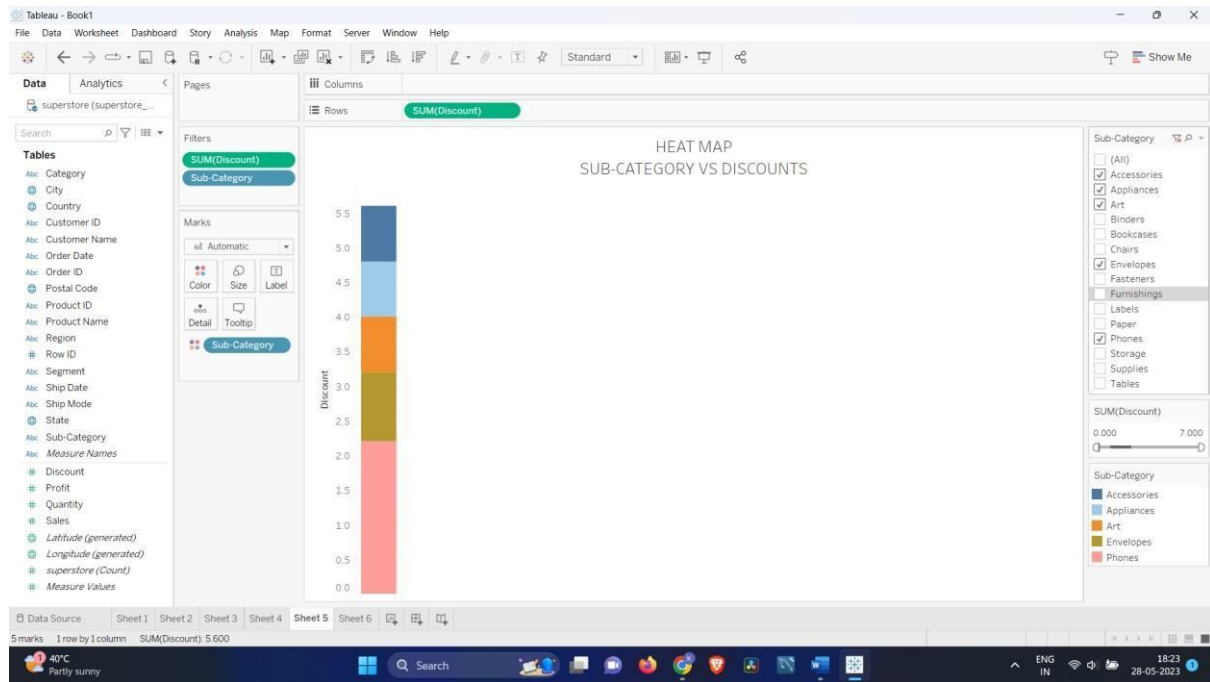


## context filter

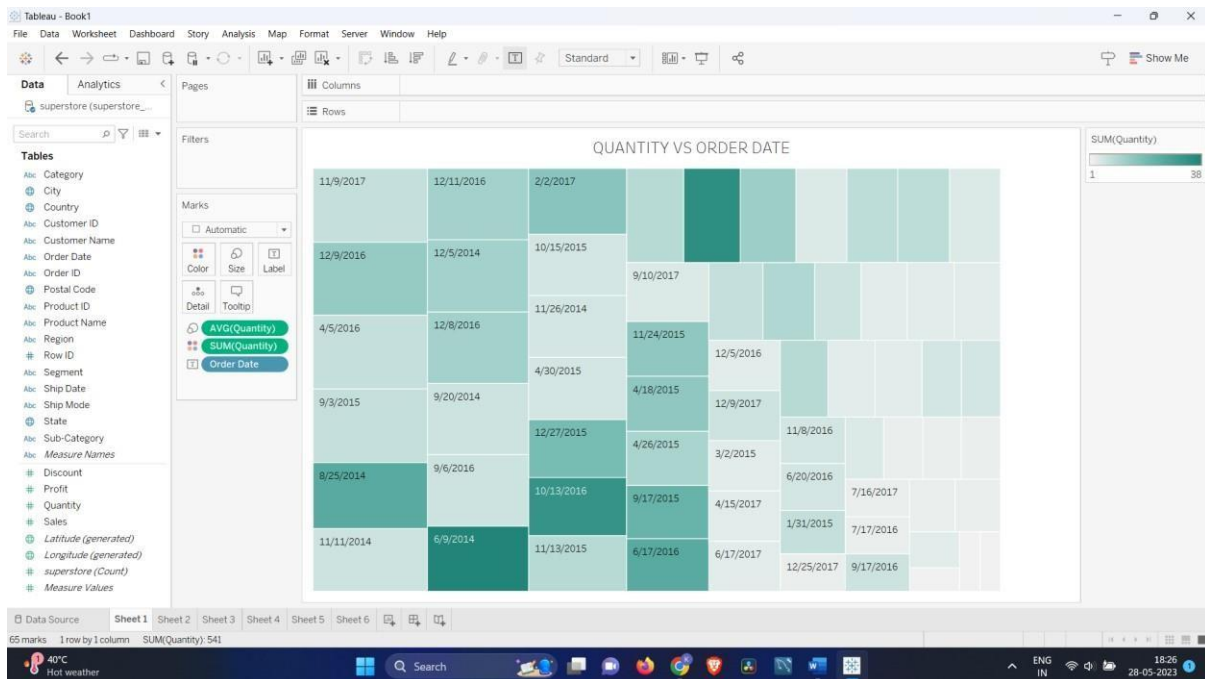


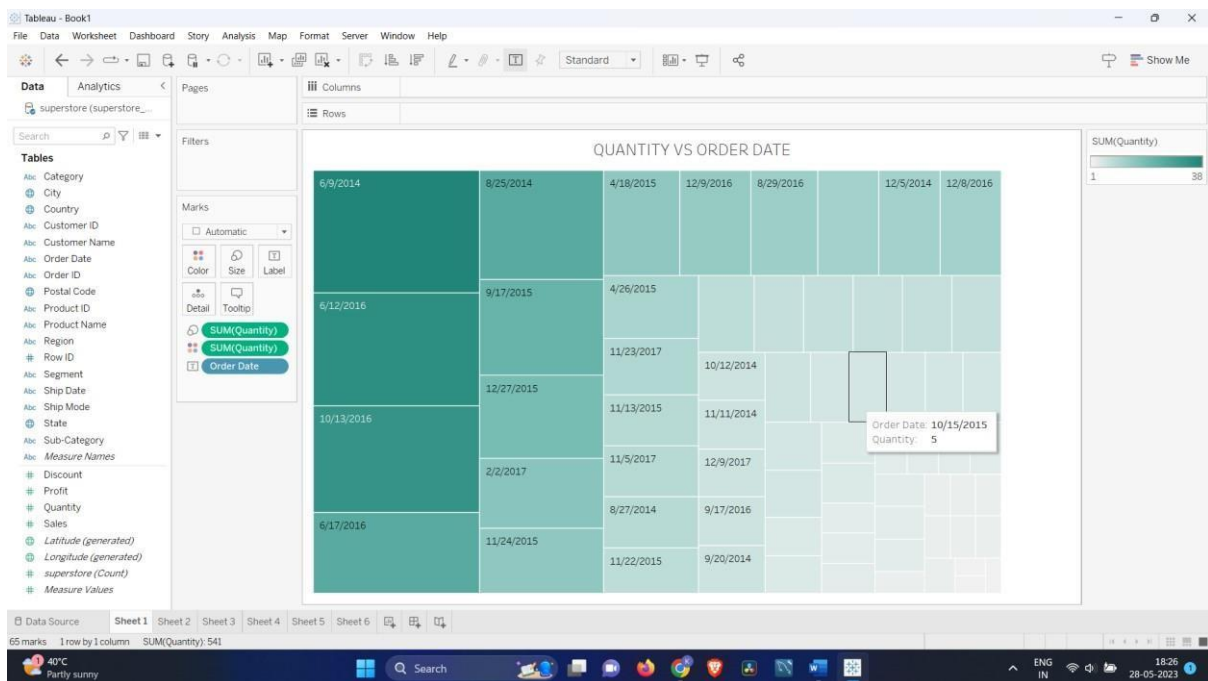
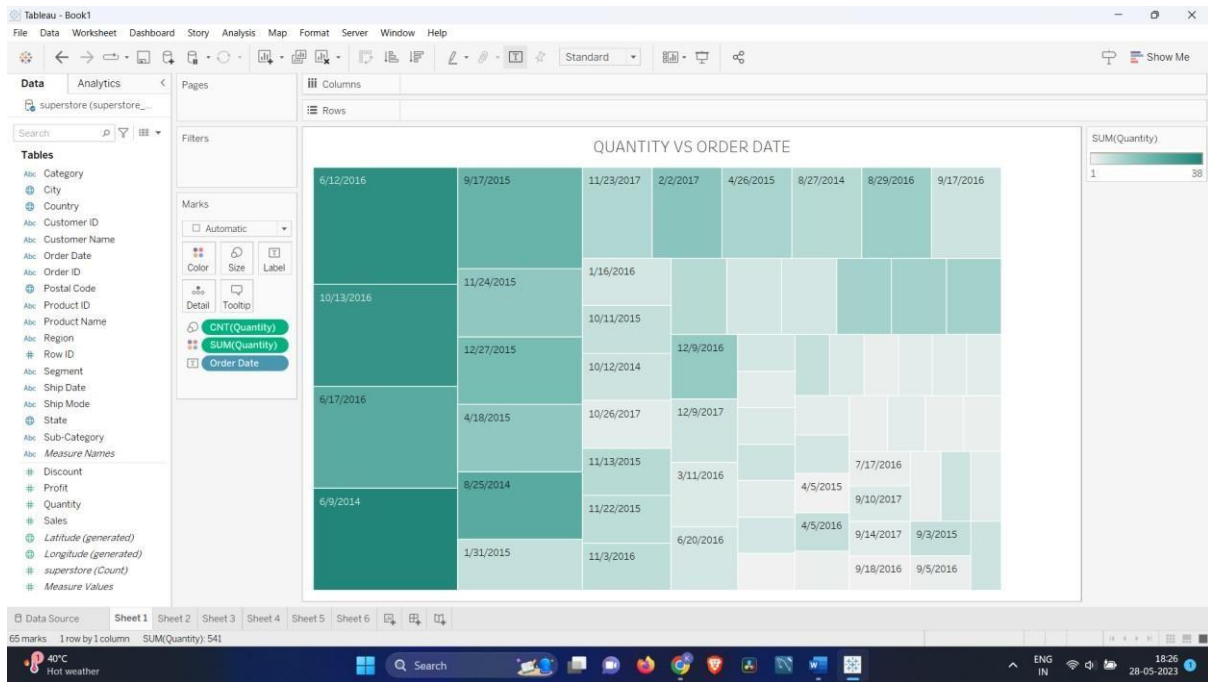


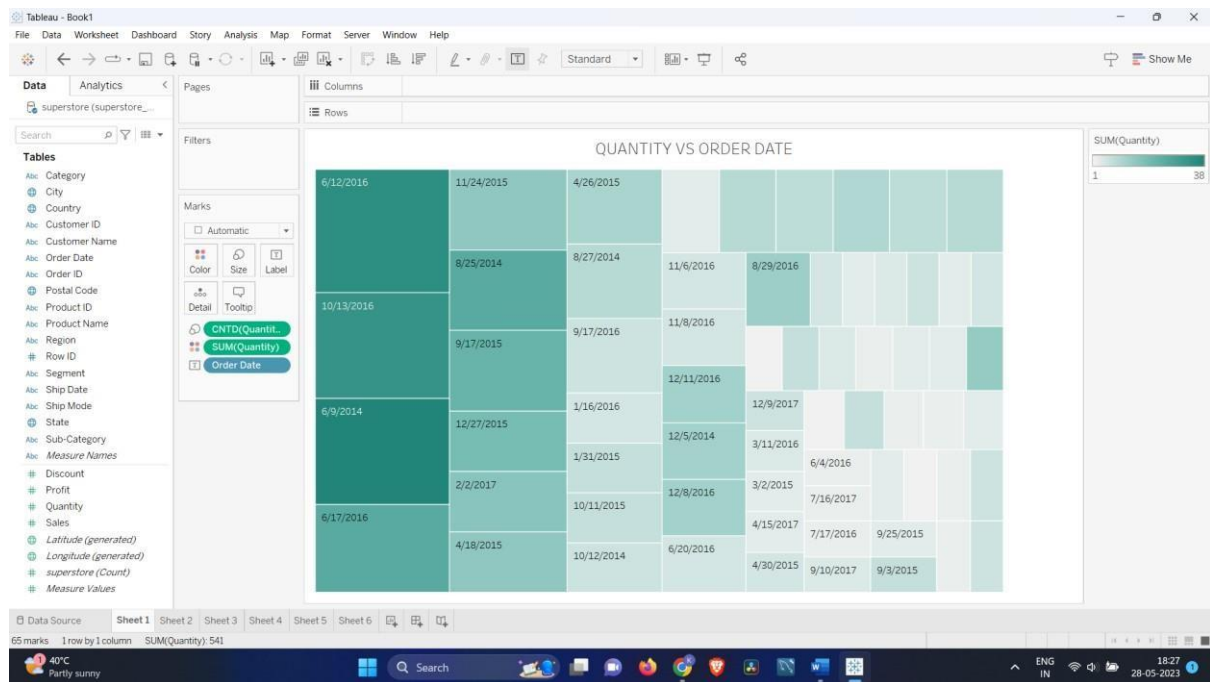




## measure filter





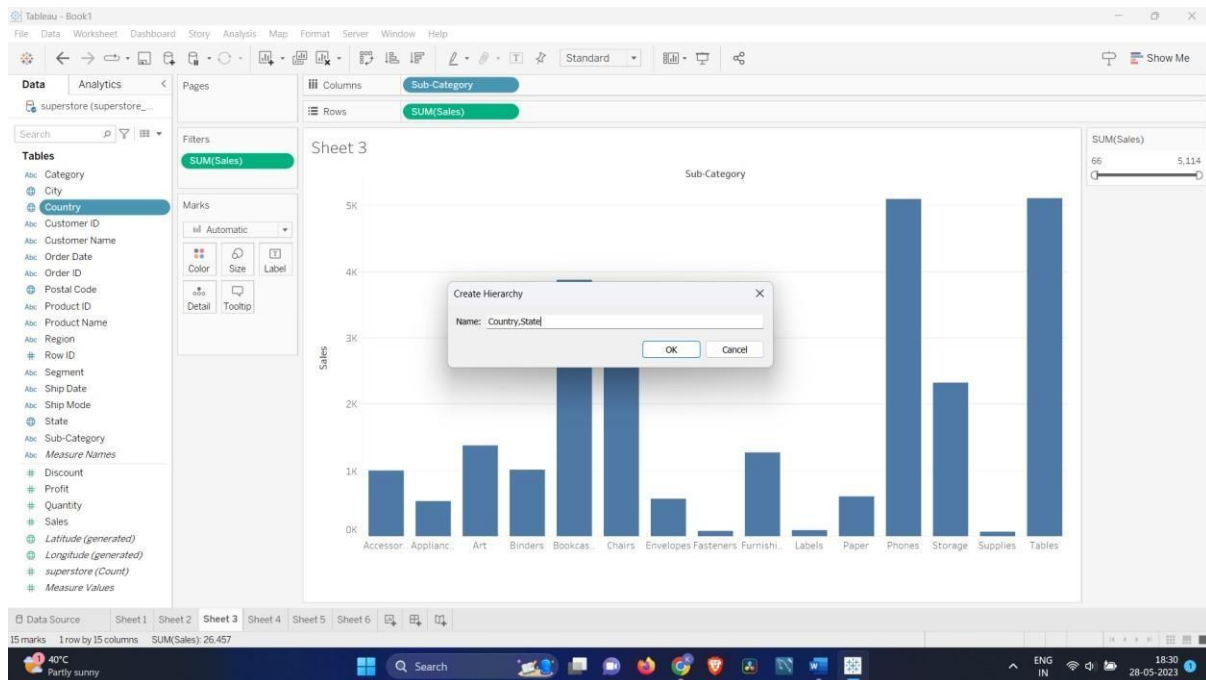
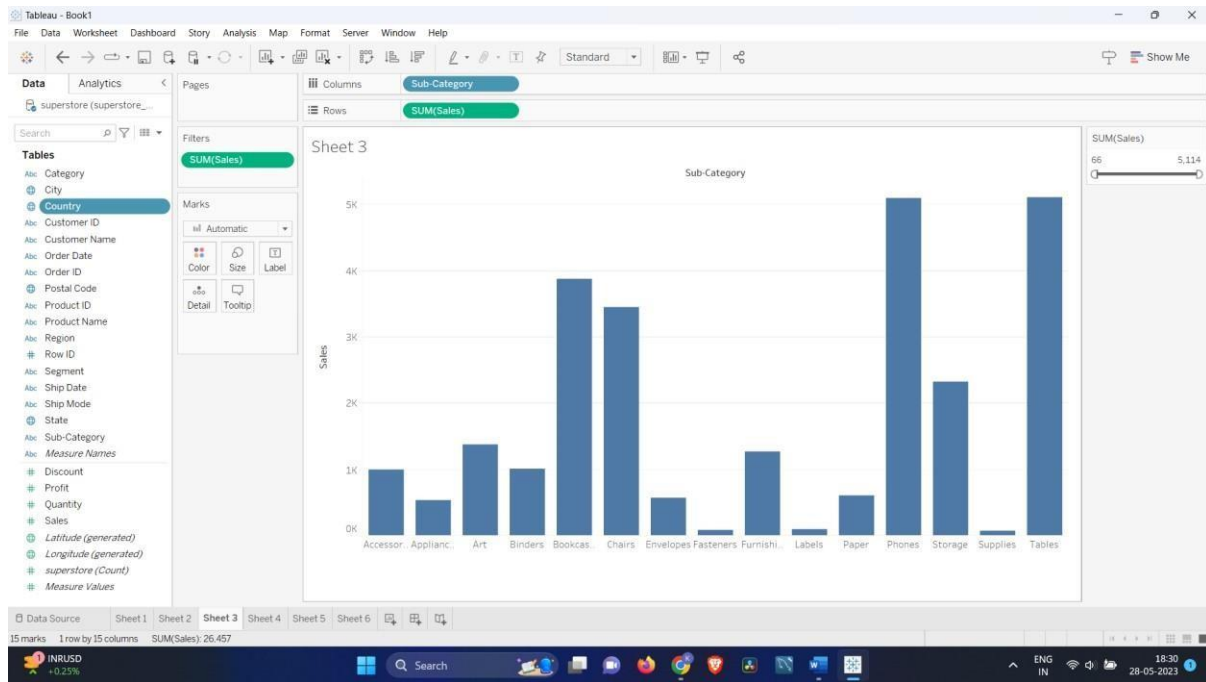


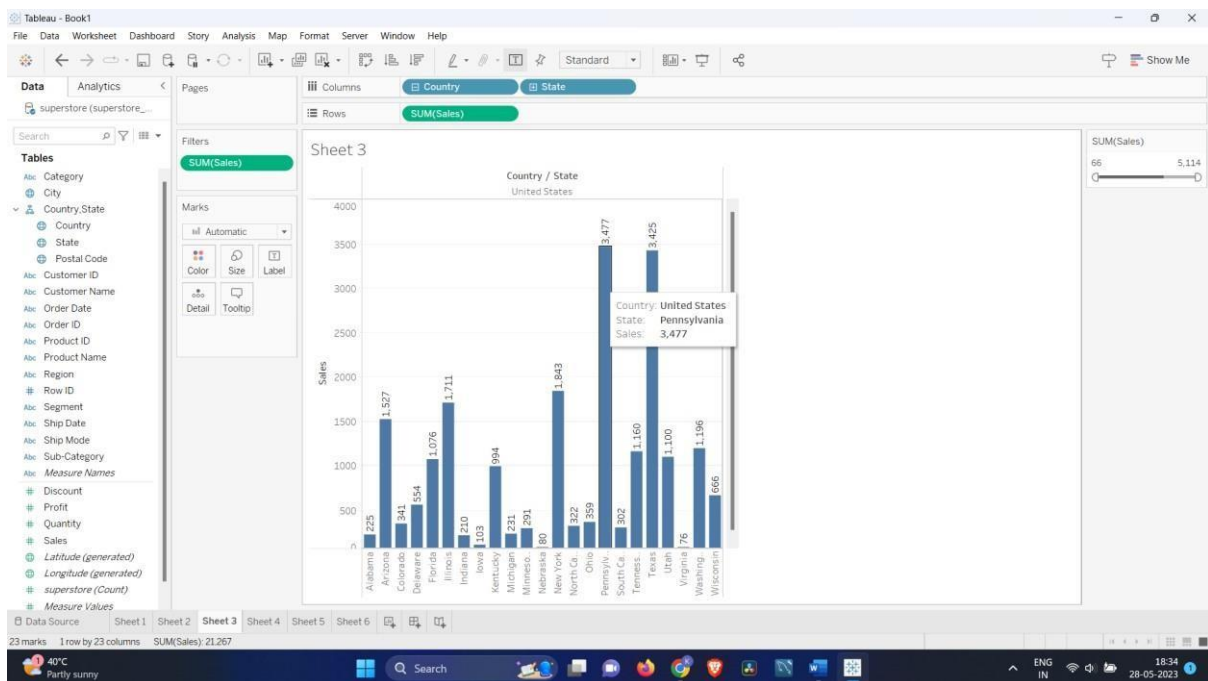
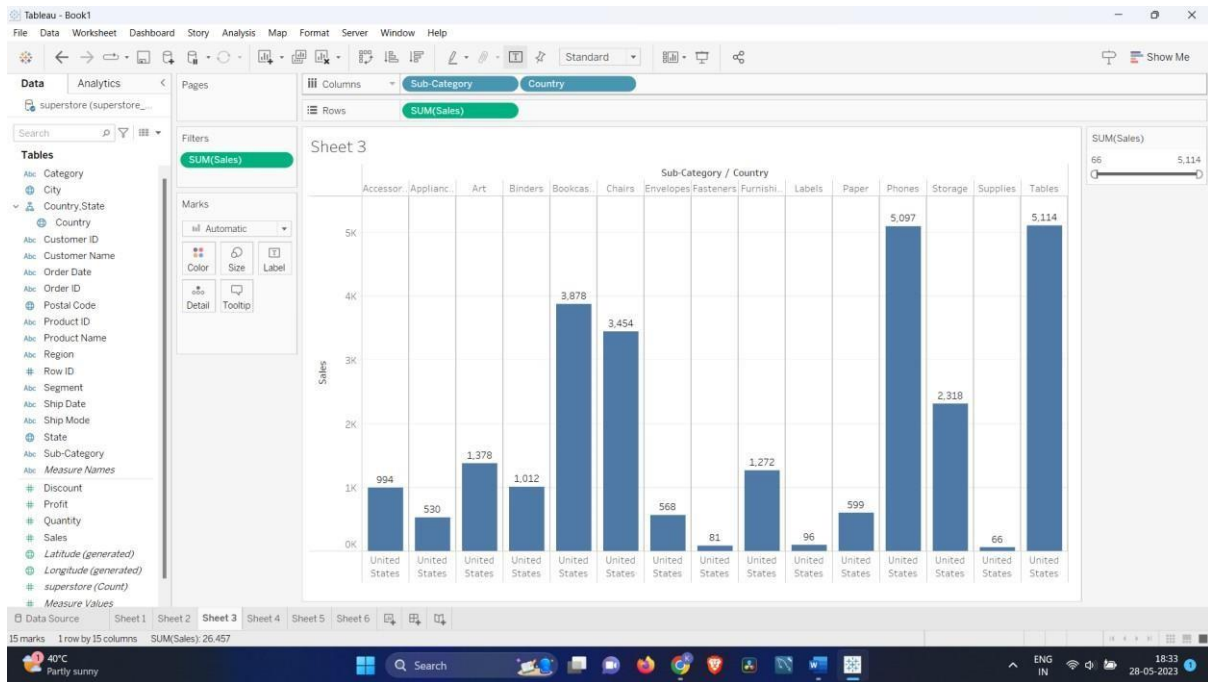
### 3) Perform the following data manipulations on your dataset

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

#### Create hierarchy:

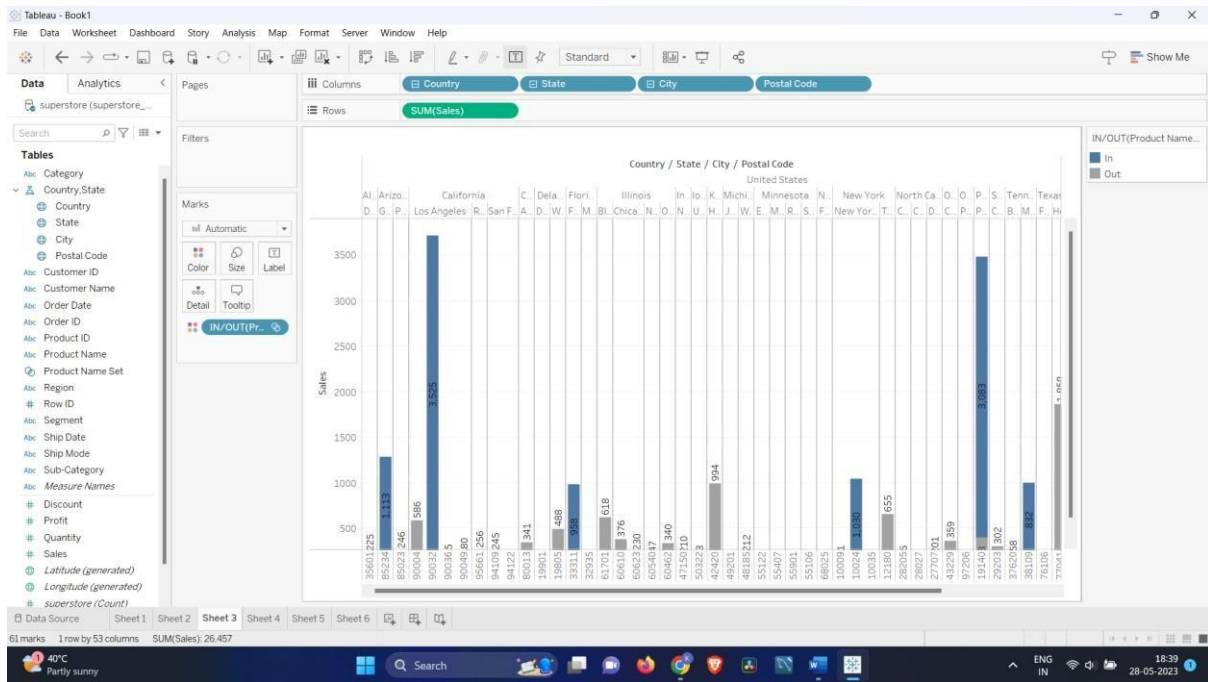
I have created a location hierarchy and it consists of country, state, city and postal code as shown below and displayed the bar graph of quantity based on location hierarchy:











### Create a group:

I have created a group of 6 sub categories as shown below

