# SMART BRIDGE DATA ANALYTICS

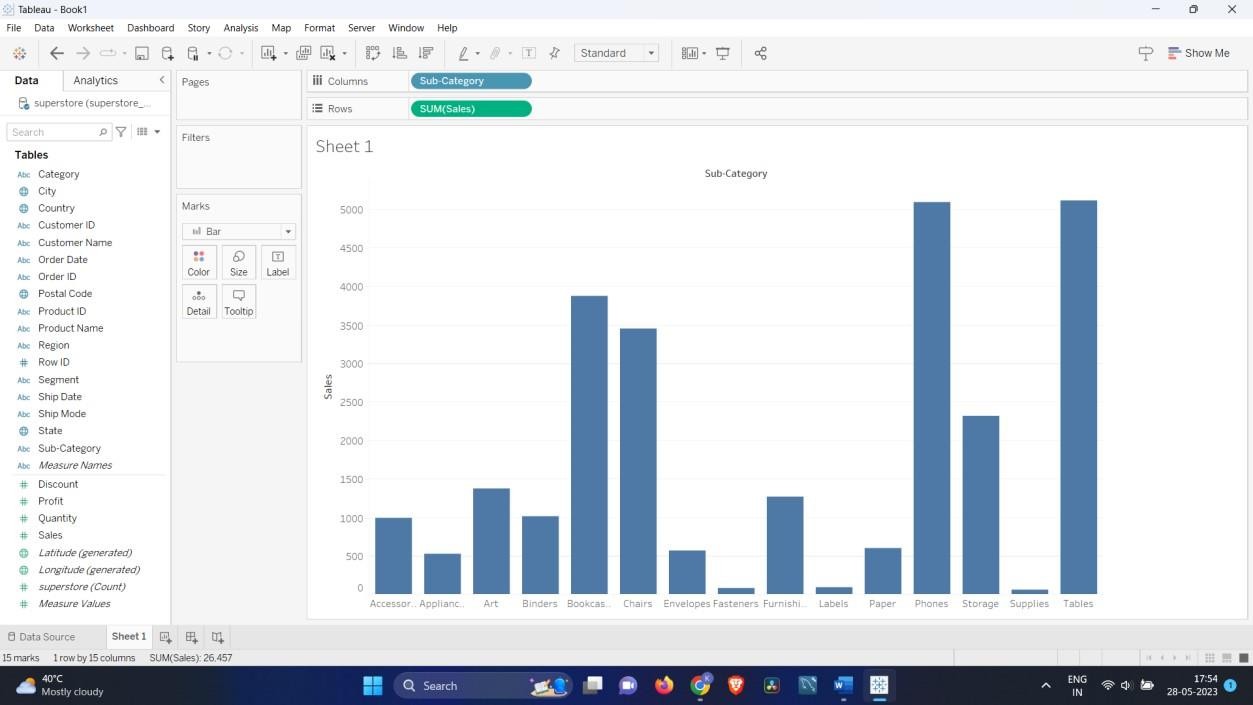
ASSINGMENT-2

NAME:ANUDEEP REDDY GONA

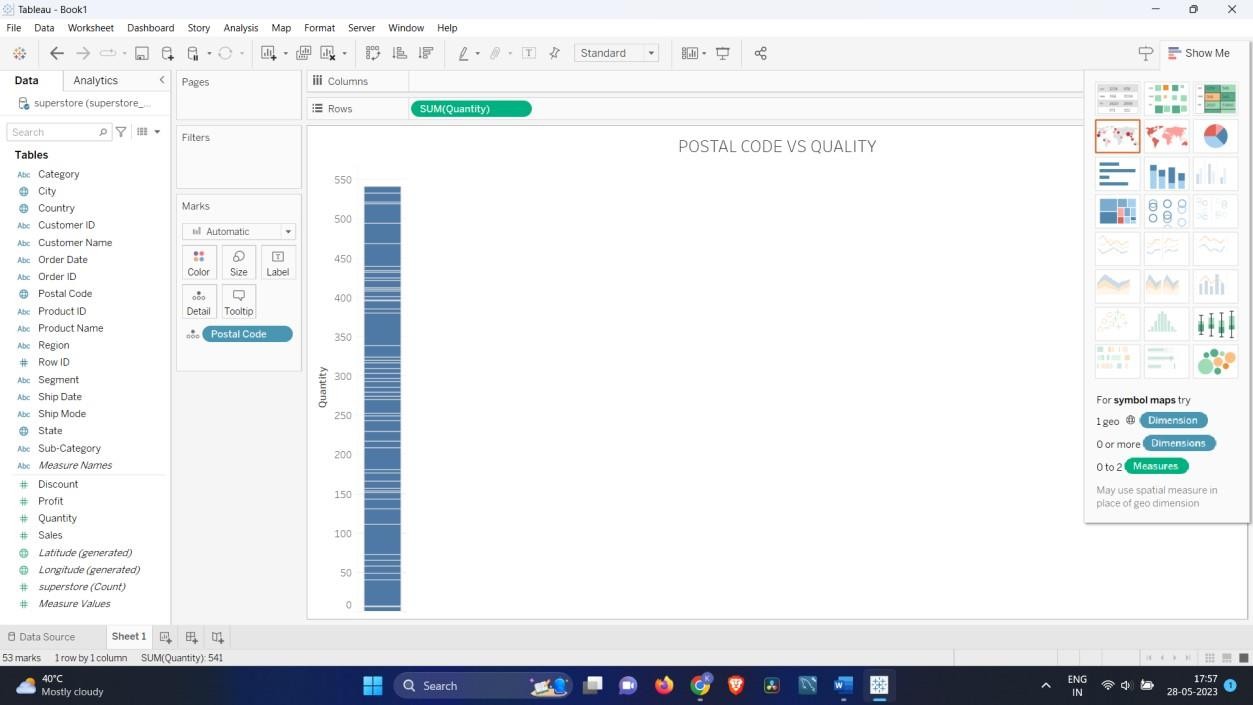
REG NO: 20BCE2495

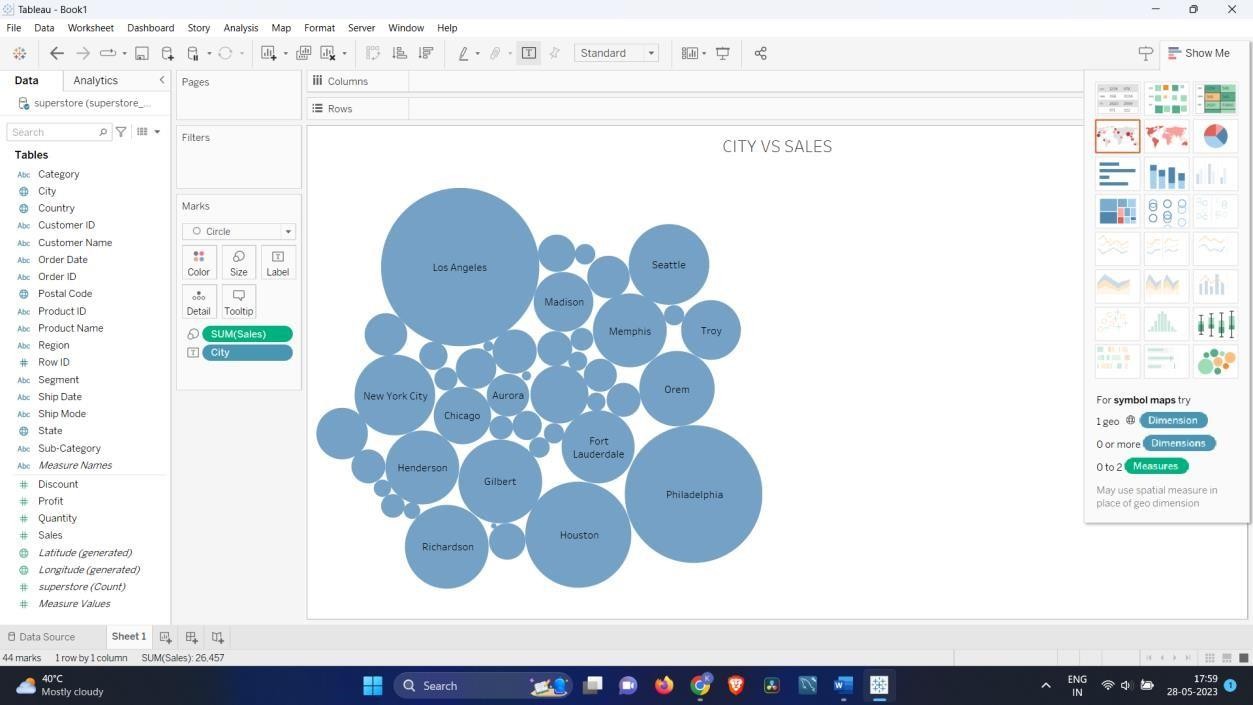
CAMPUS: VIT VELLORE

1. Create any 7 data visualizations/charts and perform the following. **Bar graph**

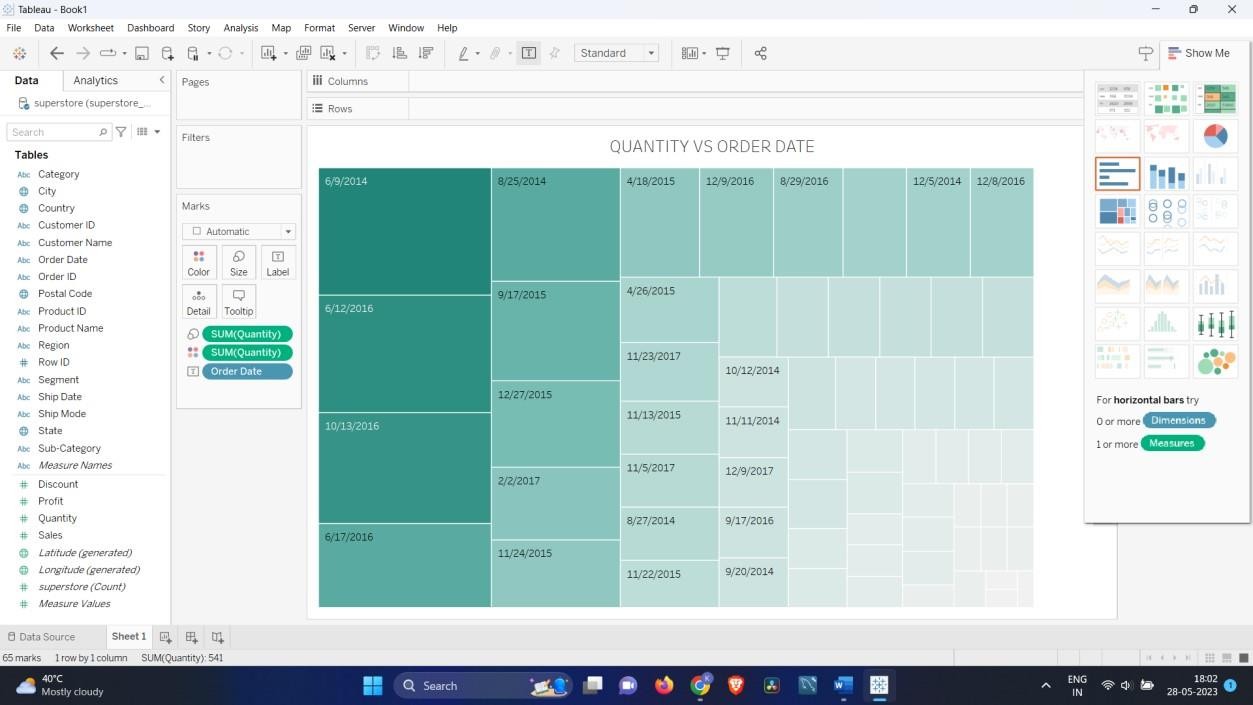


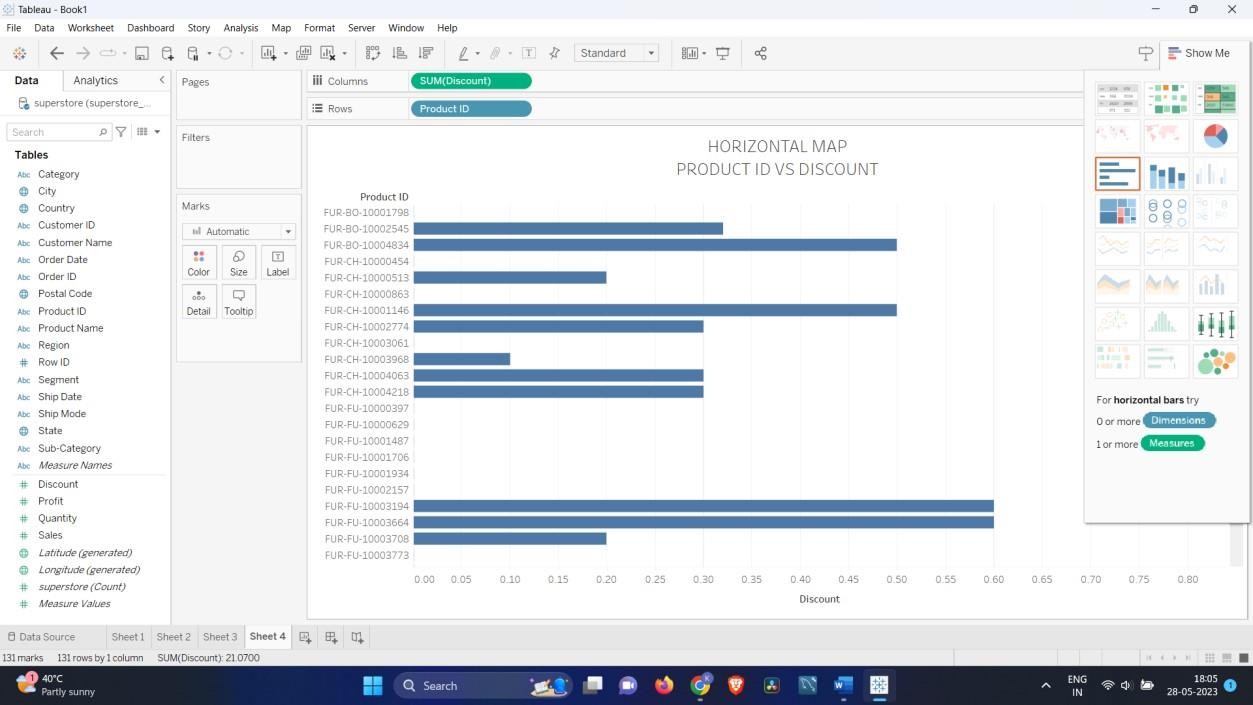
**Stacked bar:**



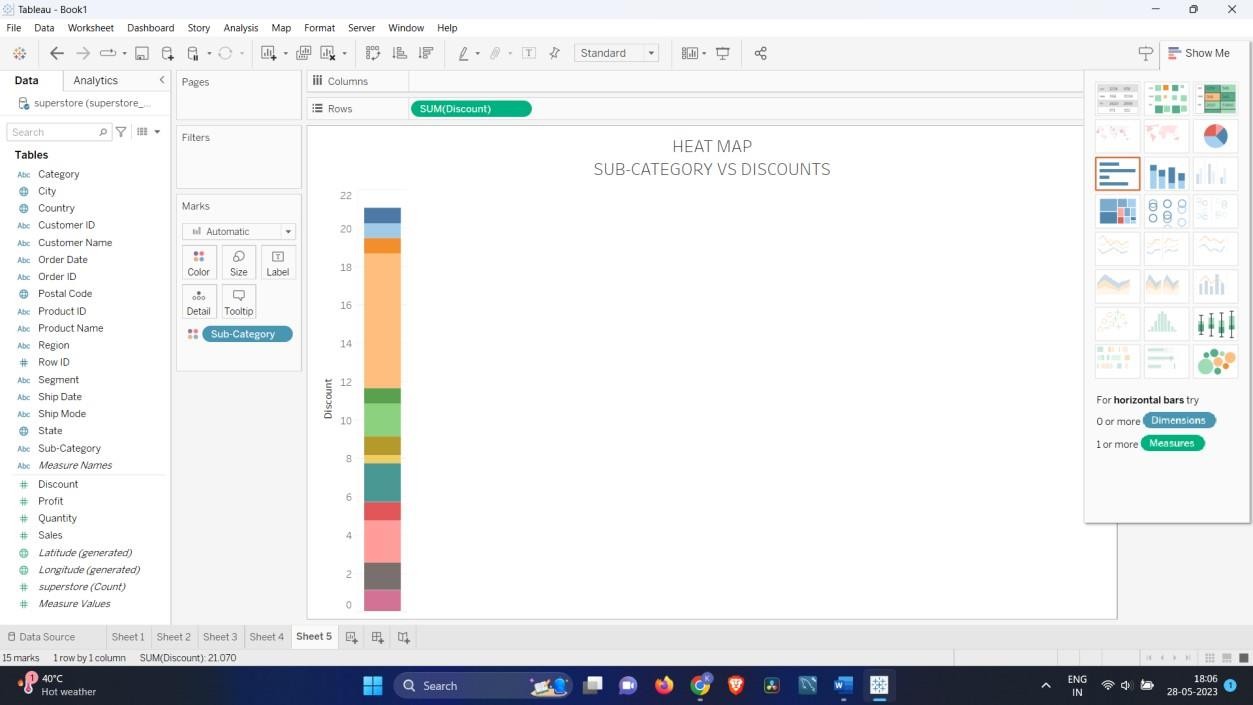
**Packed bubble:**

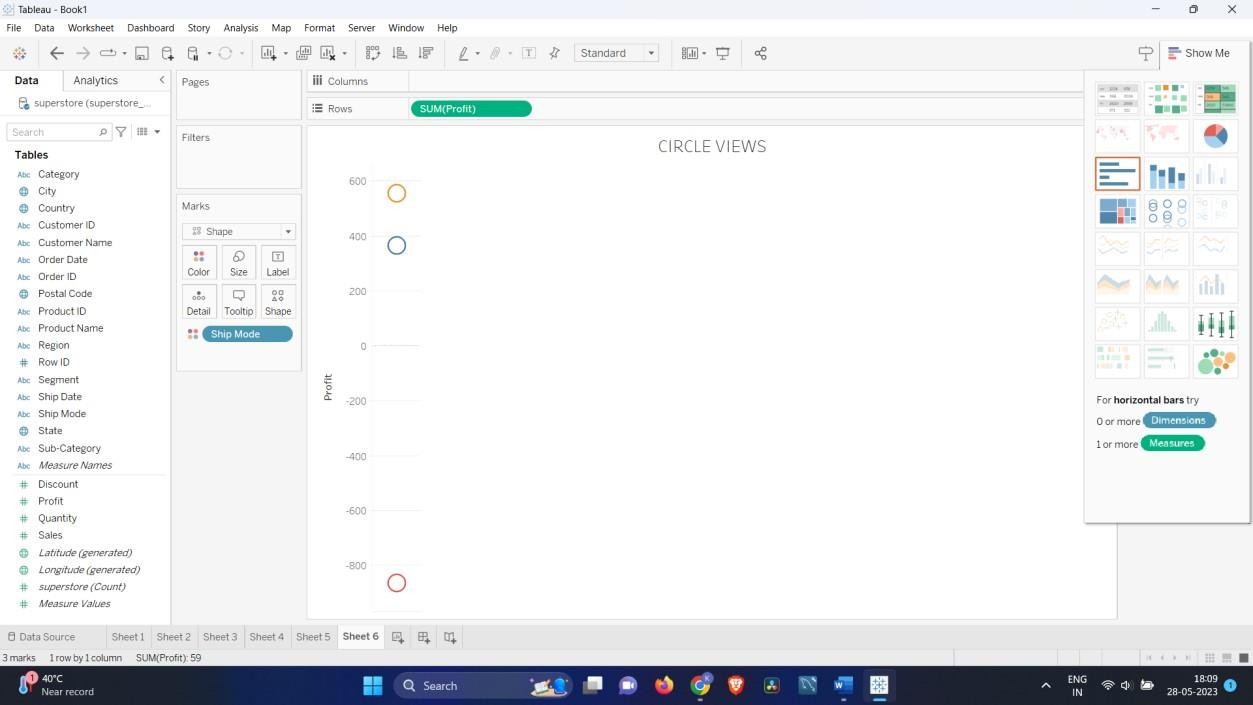
**TREE MAP:**



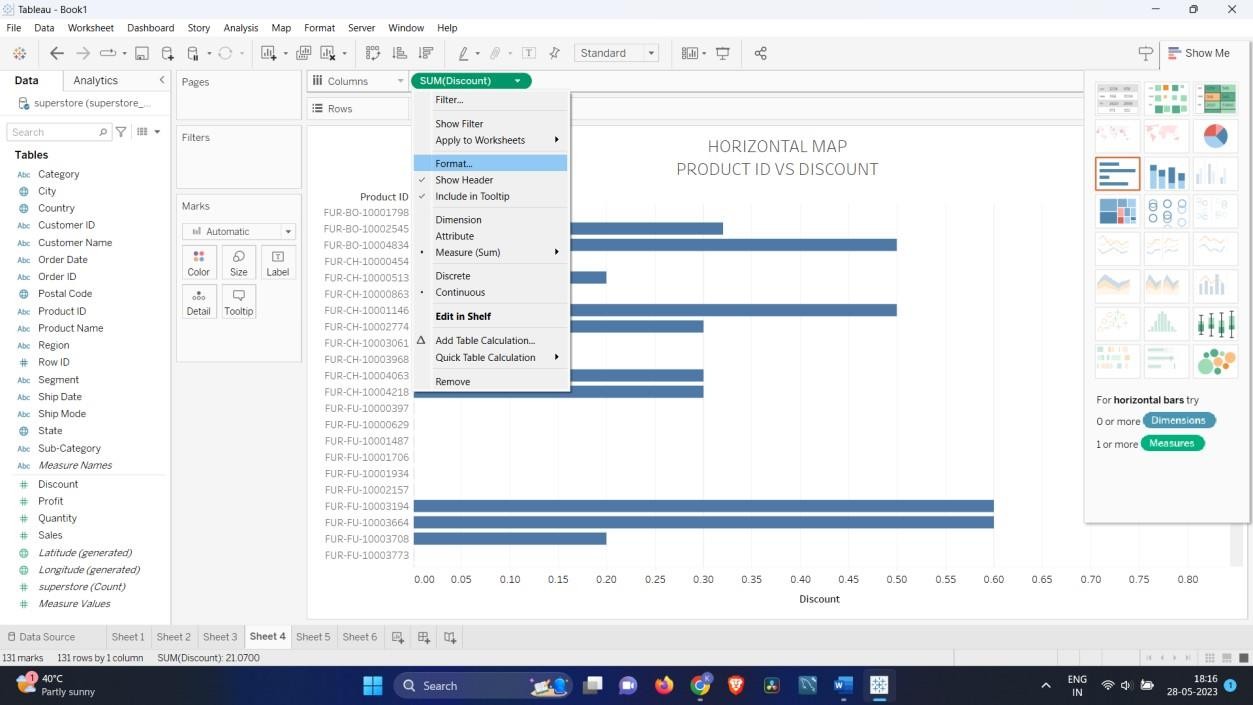
**HORIZONTAL MAPS:**

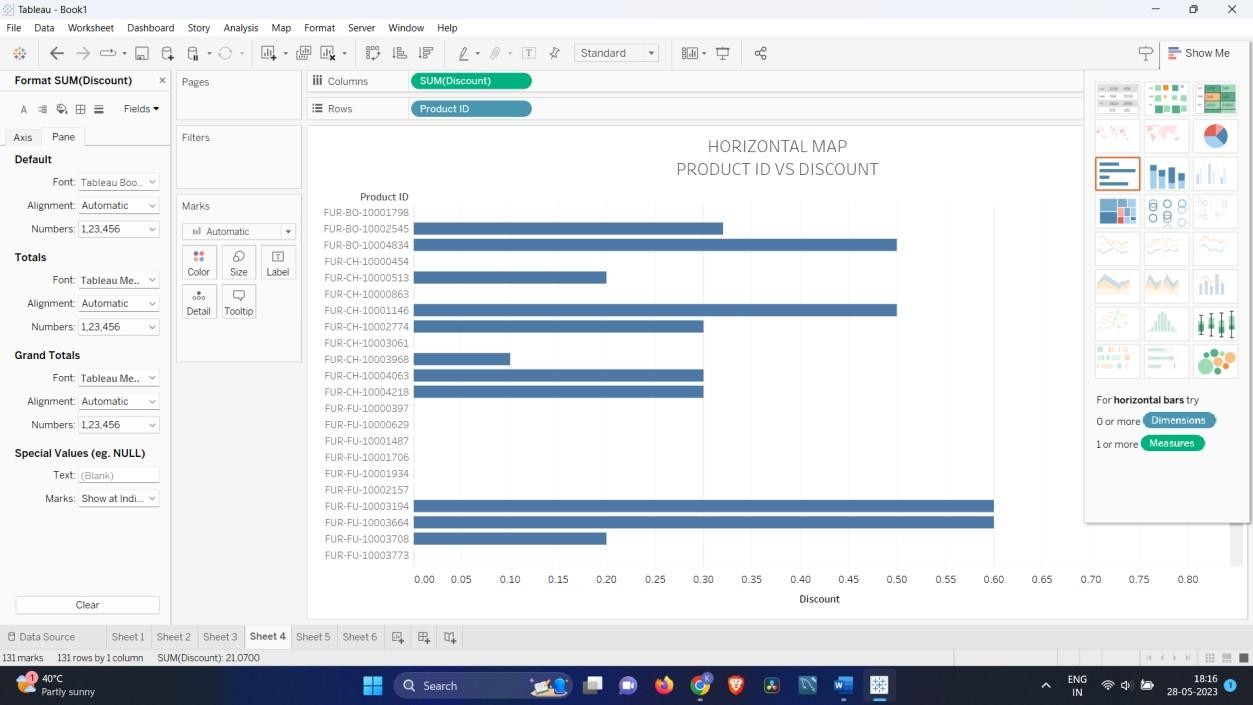
**HEAT MAPS:**

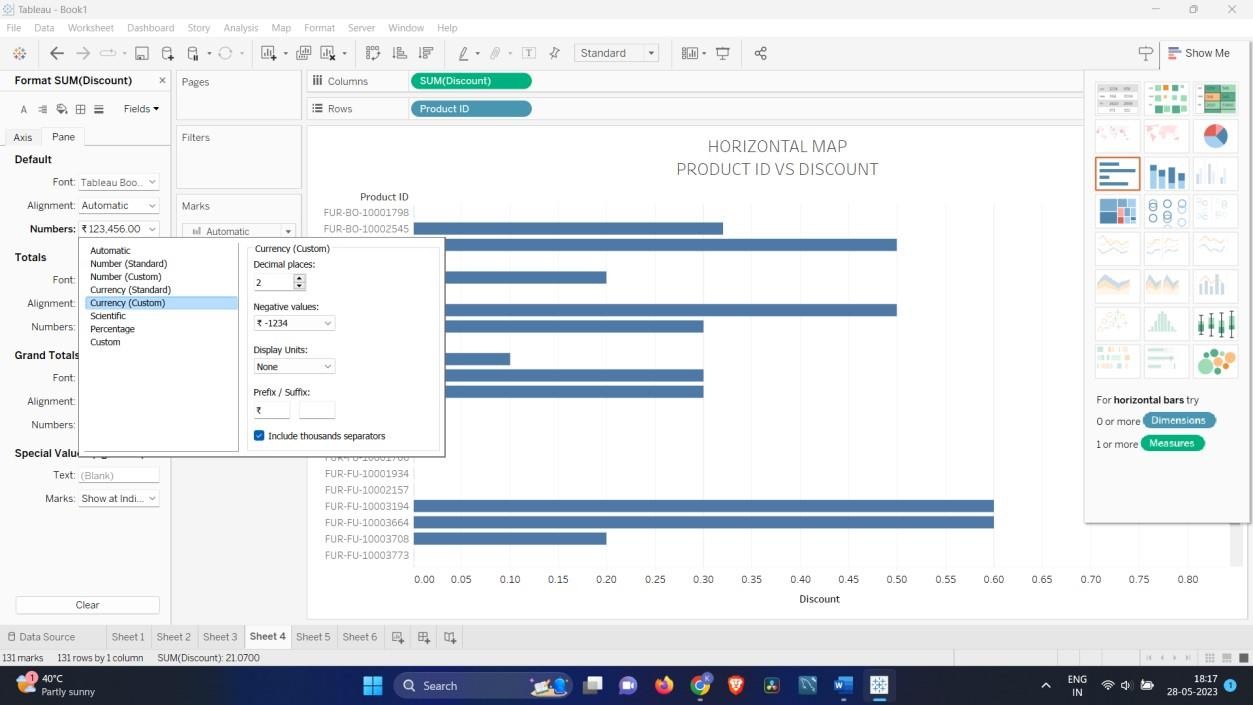


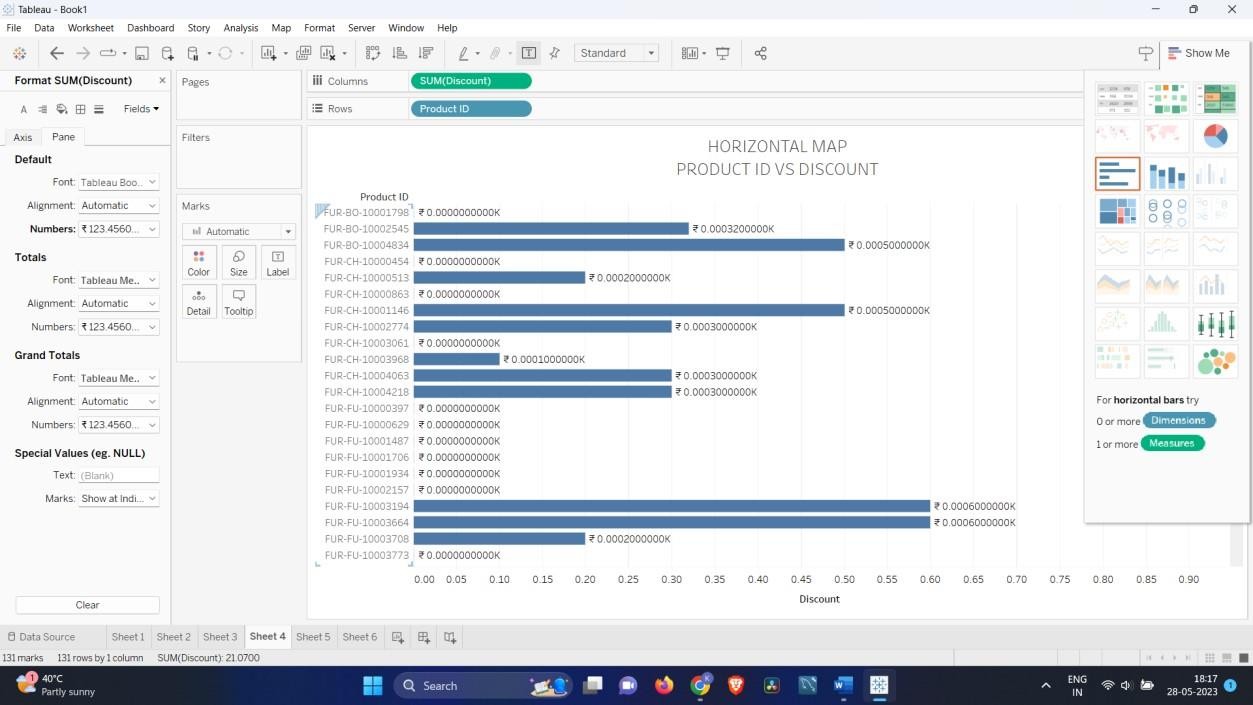
**CIRCLE VIEWS:**

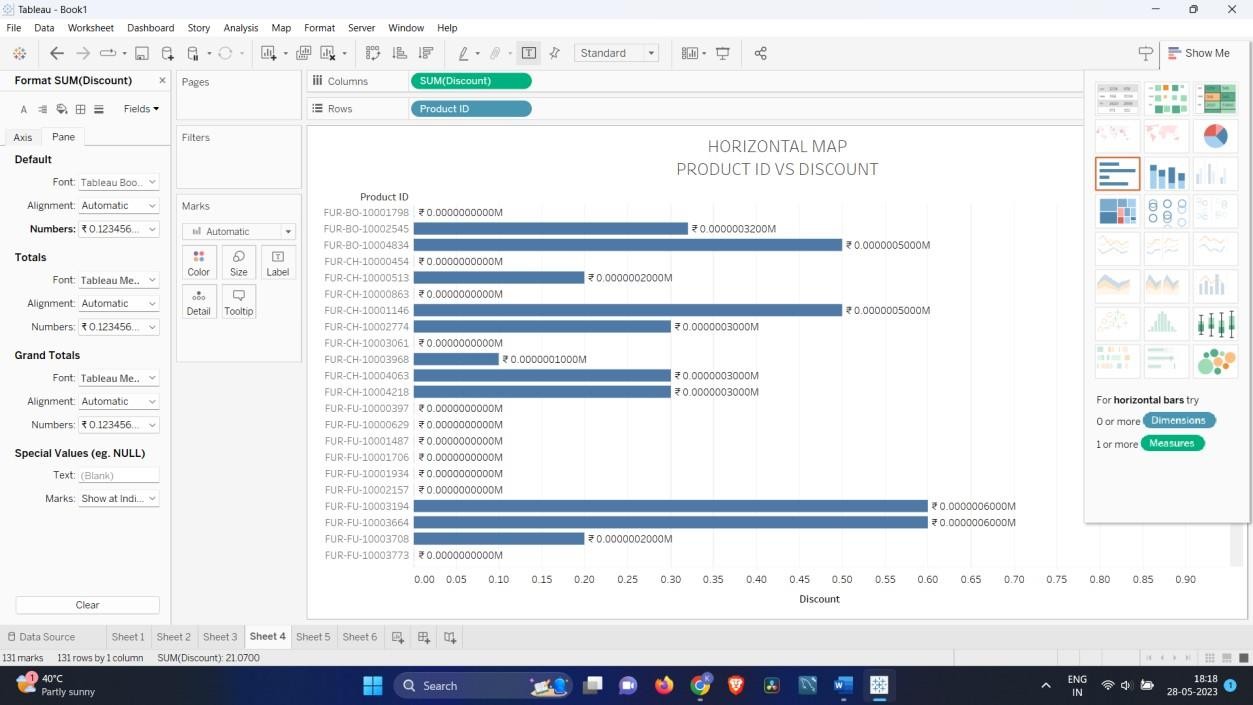
1. **Apply dimension filter, context and measure filter on any of the three Visualizations.**

***Dimension filter***

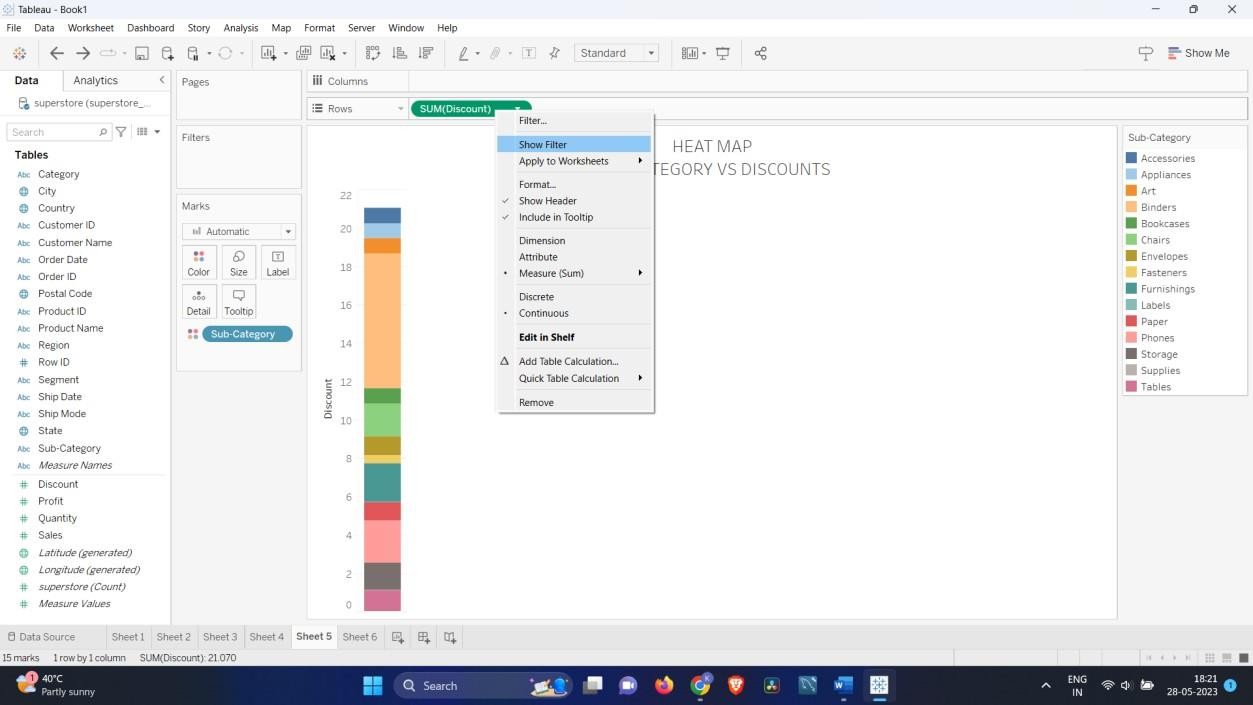


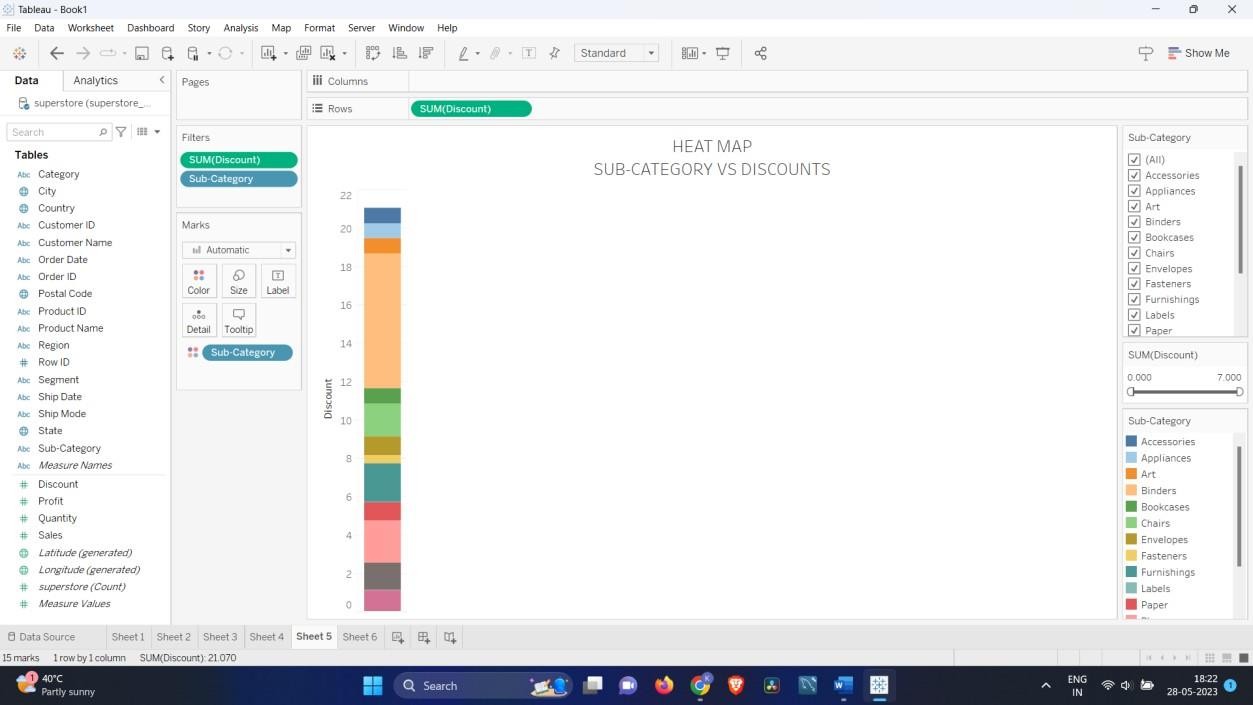


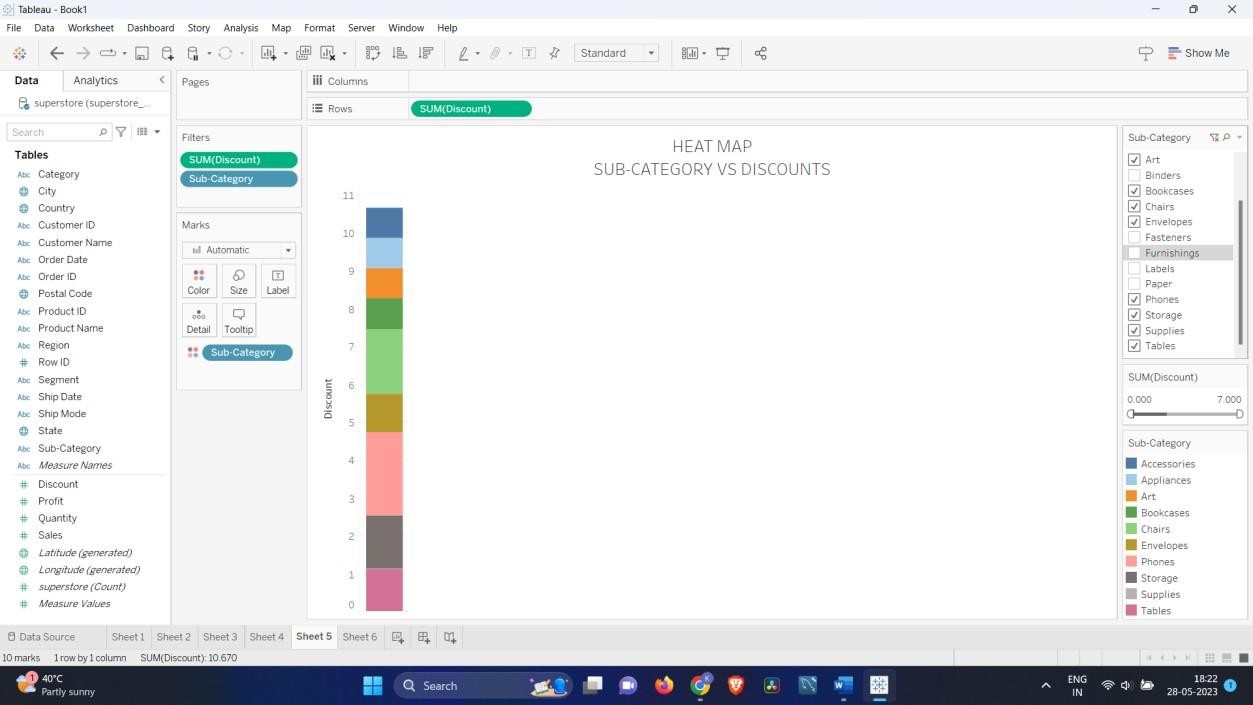


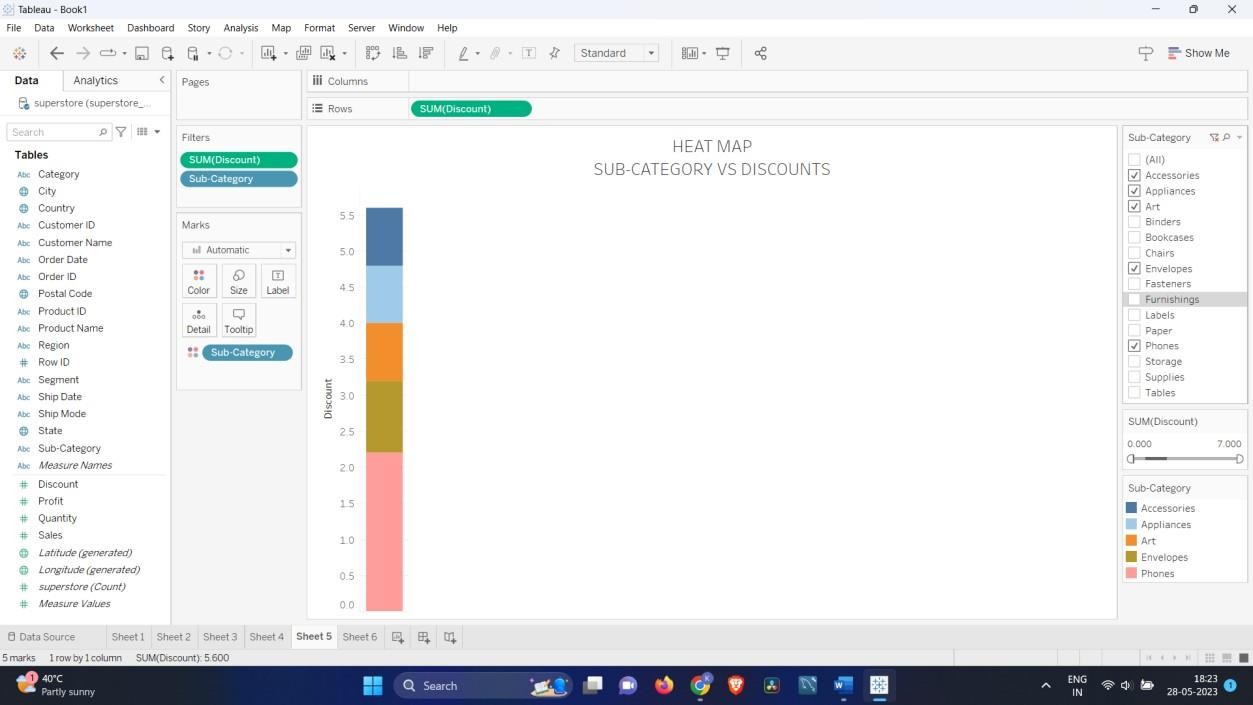


# context filter

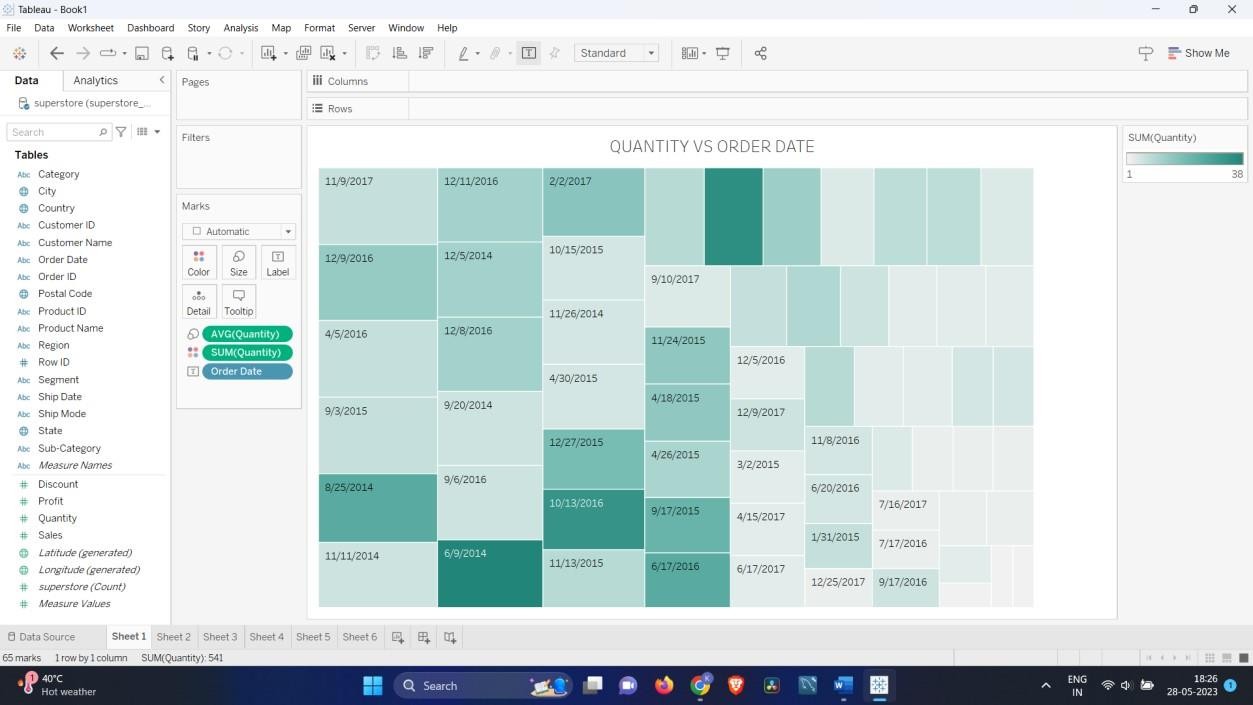


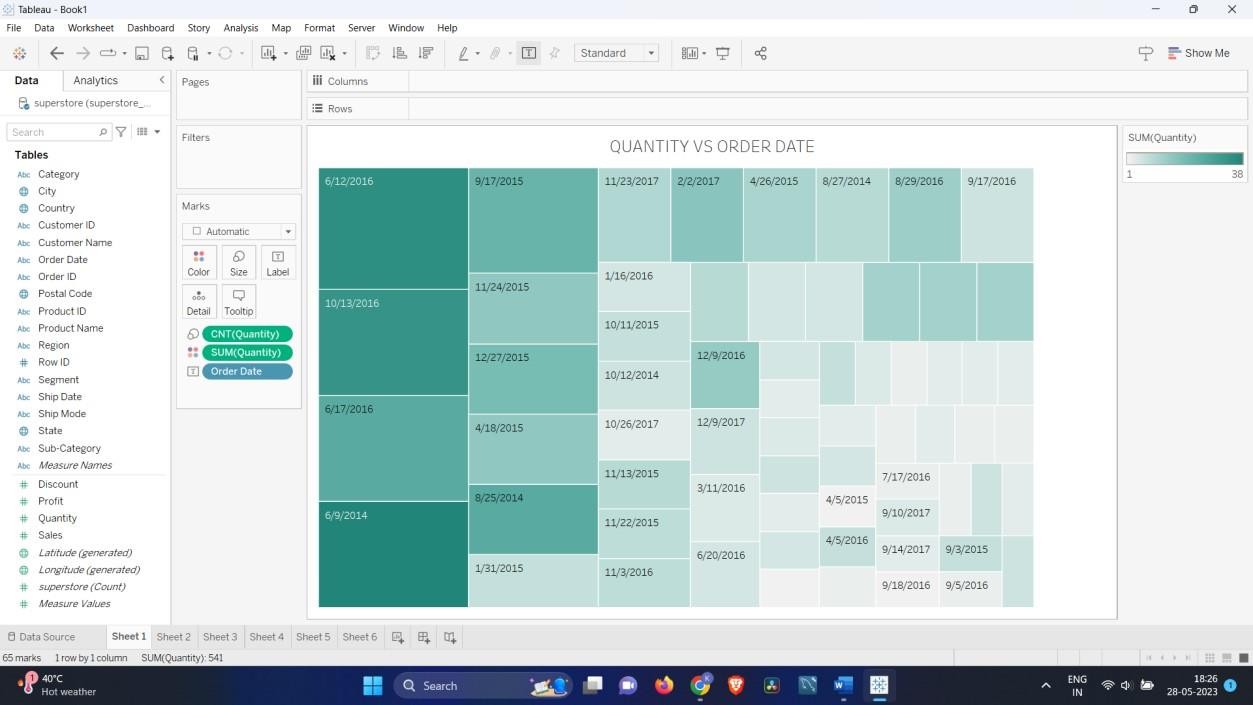


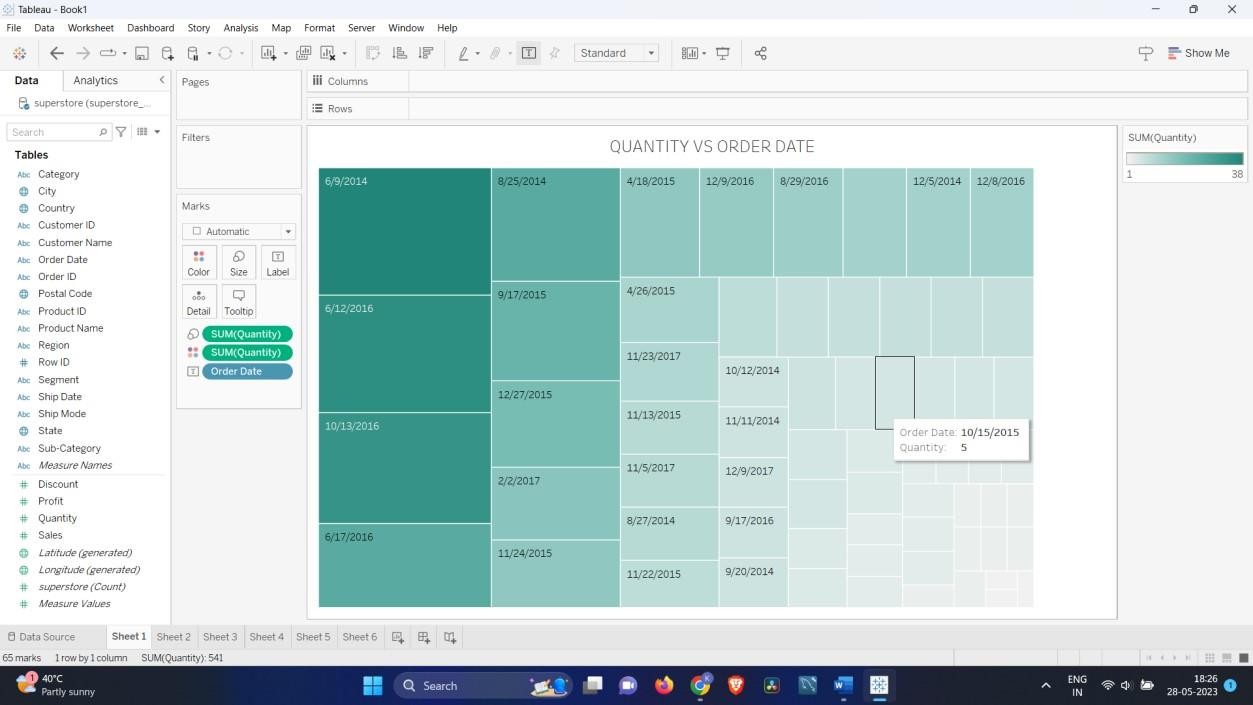


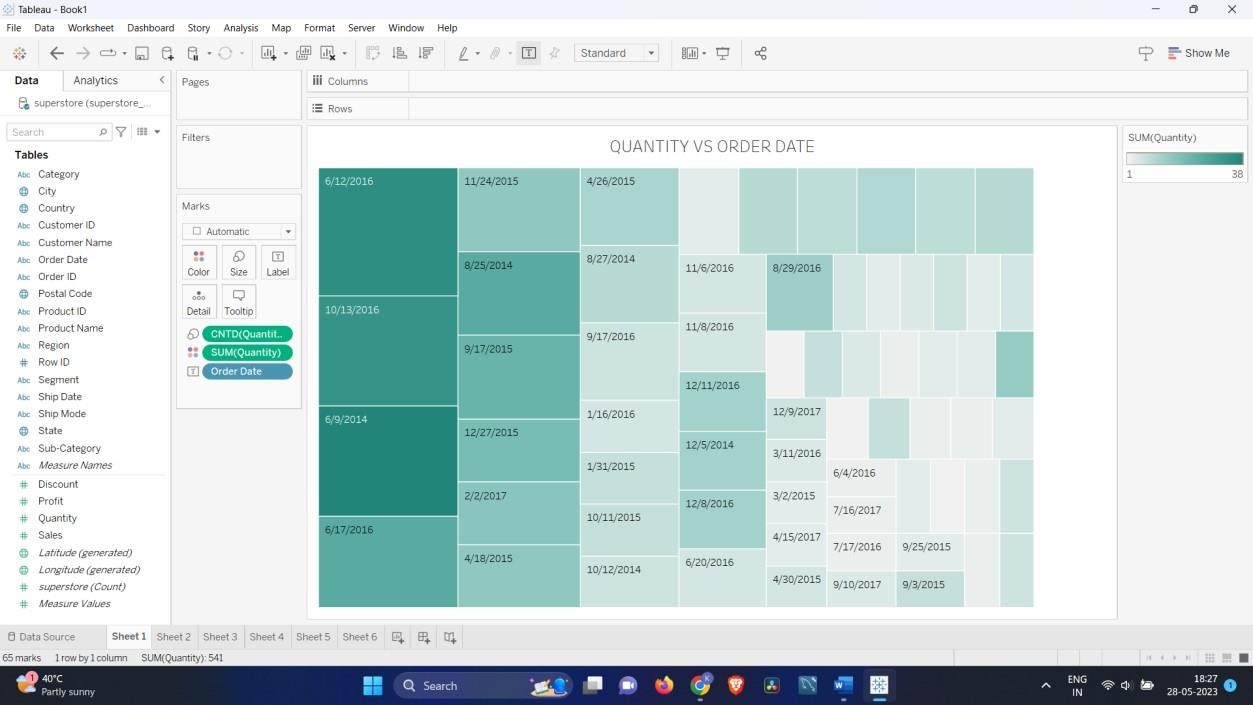


***measure filter***







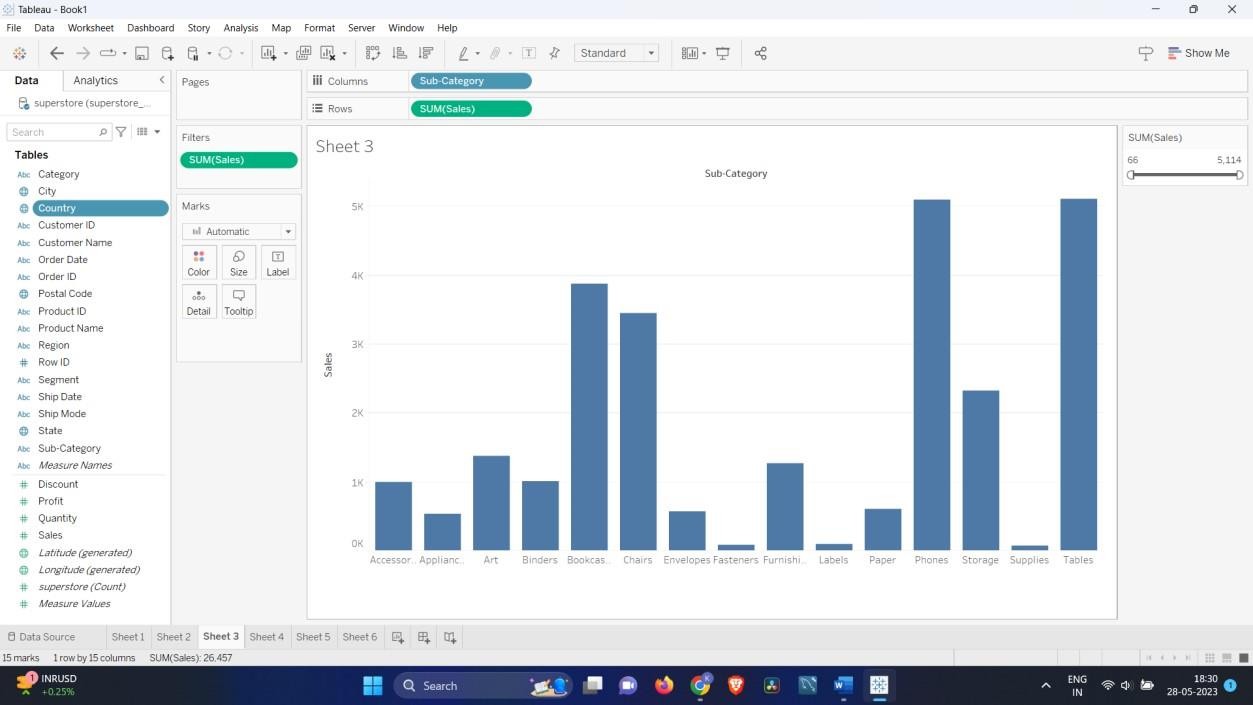


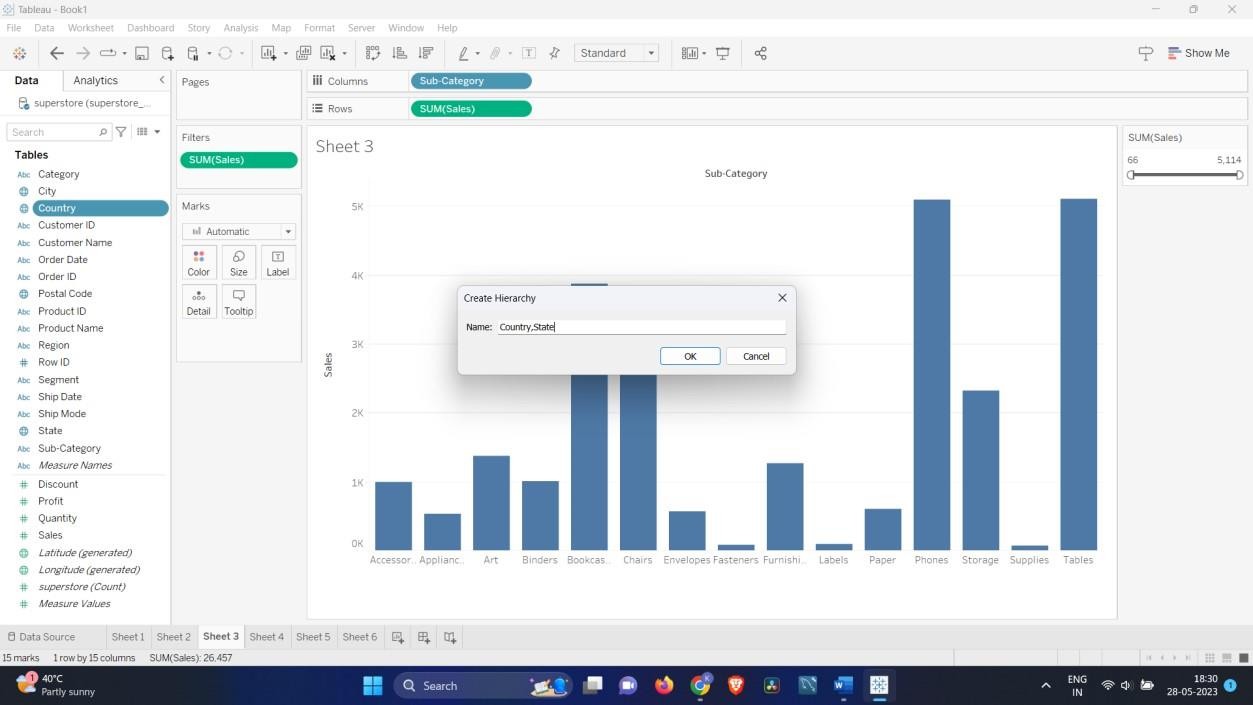
1. **Perform the following data manipulations on your dataset**

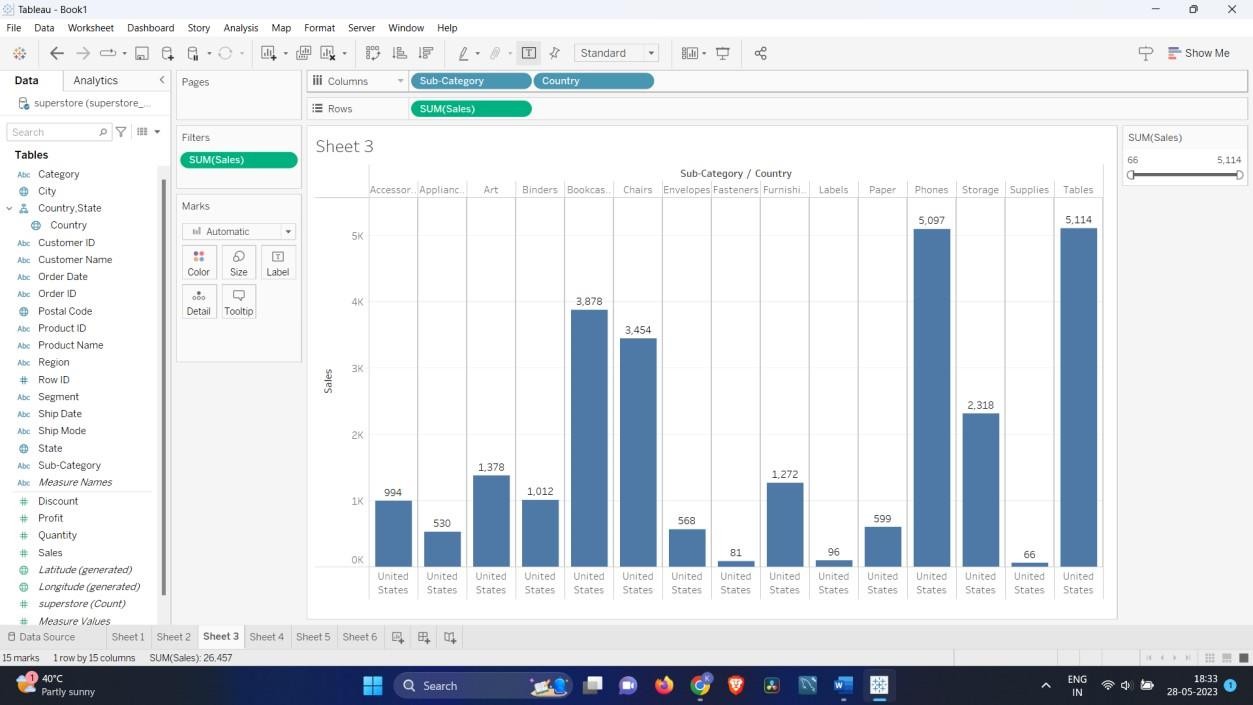
* **create a Hierarchy**
* **create a set**
* **create a group**

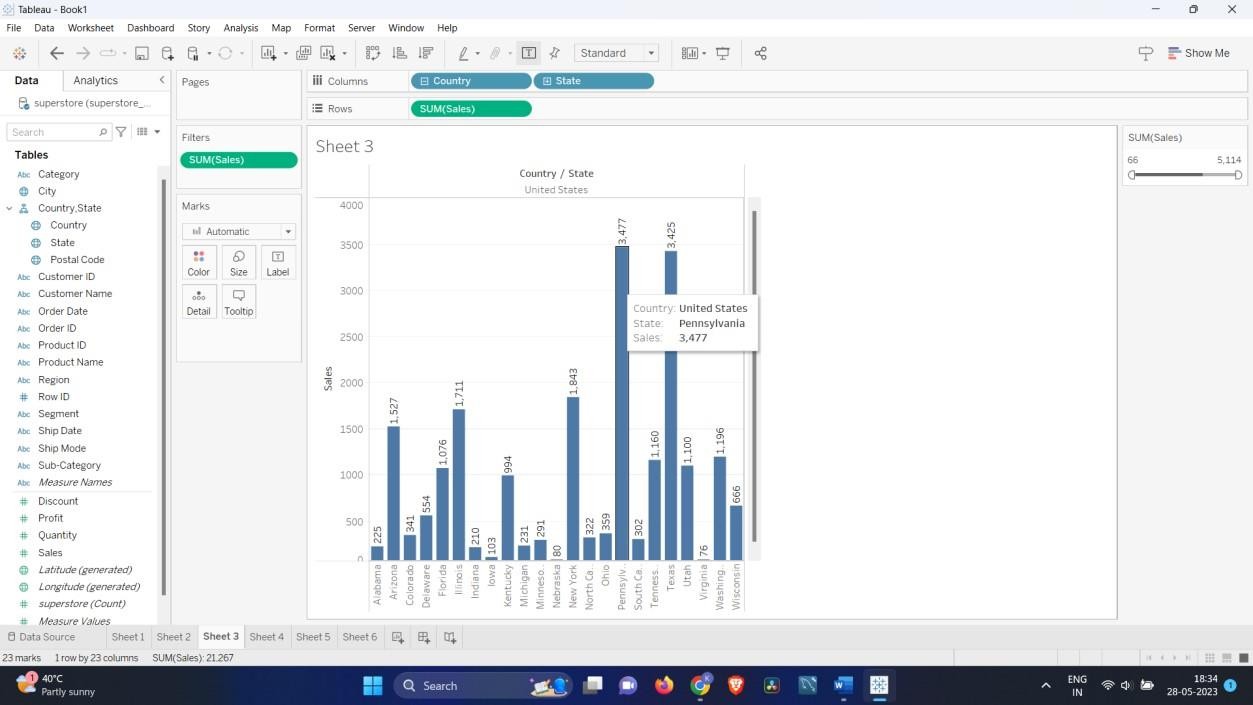
**Create hierarchy:**

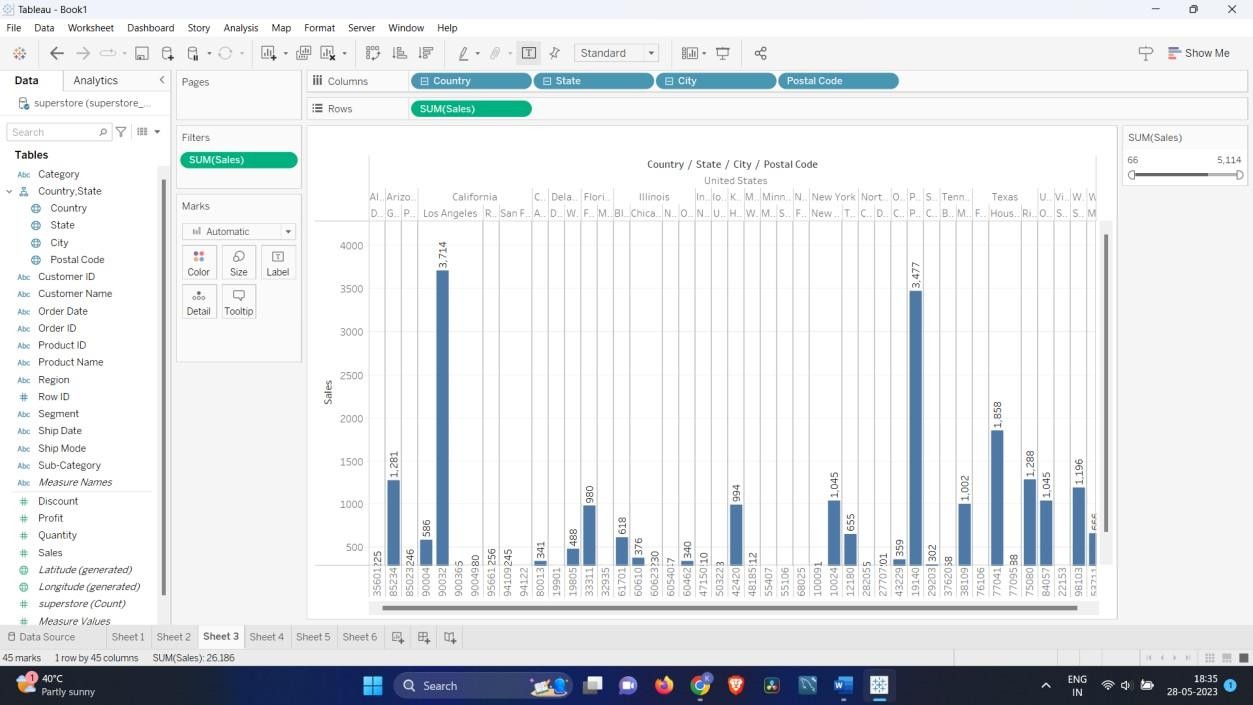
I have created a location hierarchy and it consists of country, state, city and postal code as shown below and displayed the bar graph of quantity based on location hierarchy:





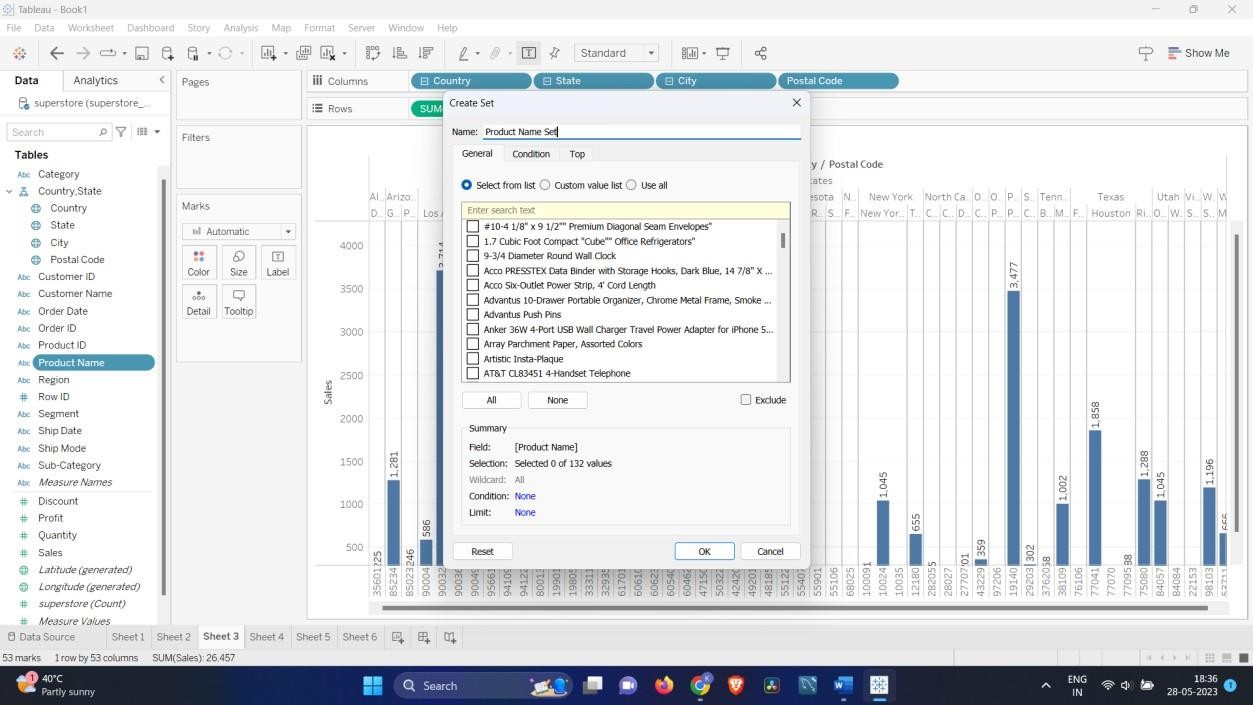


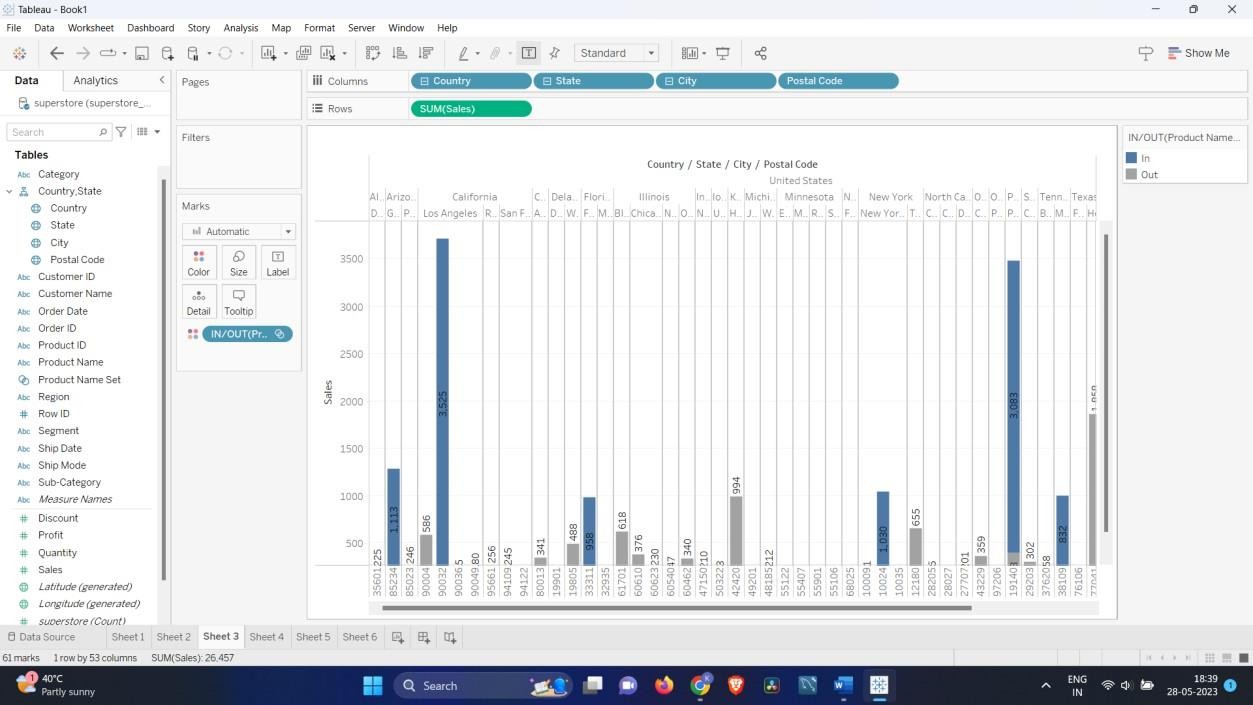




**Create a set:**

I have created a set of IN/OUT of product\_name\_set as shown below:





**Create a group:**

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

