## **SMART INTERNZ EXTERNSHIP**

# **DATA ANALYTICS**

## ASSIGNMENT – 2

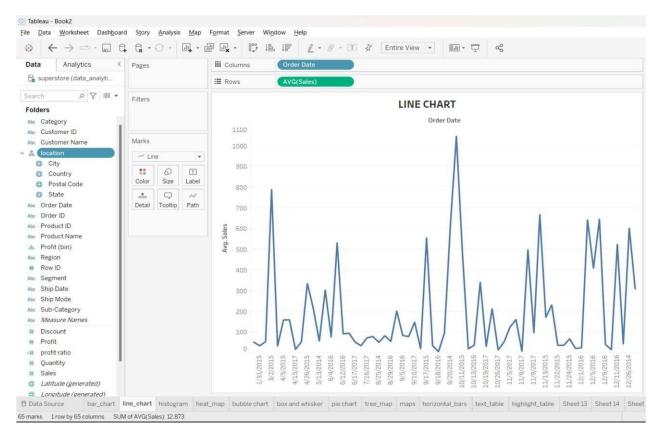
NAME: GOLLA C VENKAT

REG.NO: 20BCE2486

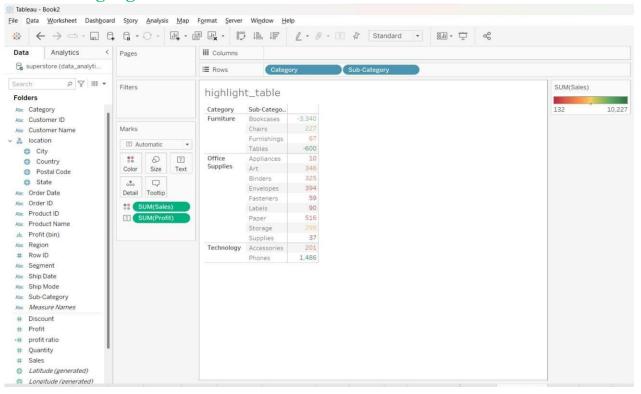
DATE: 28/03/2023

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

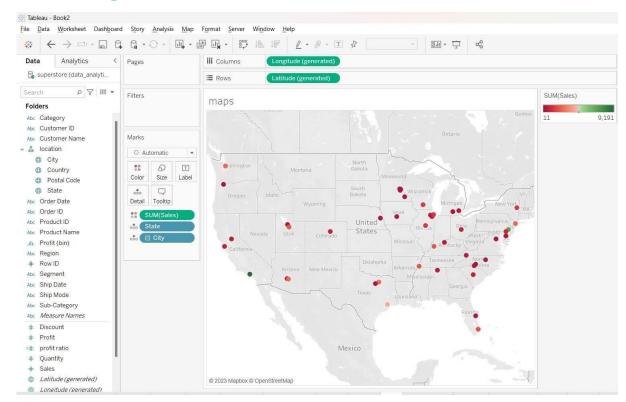
#### a. Line Chart



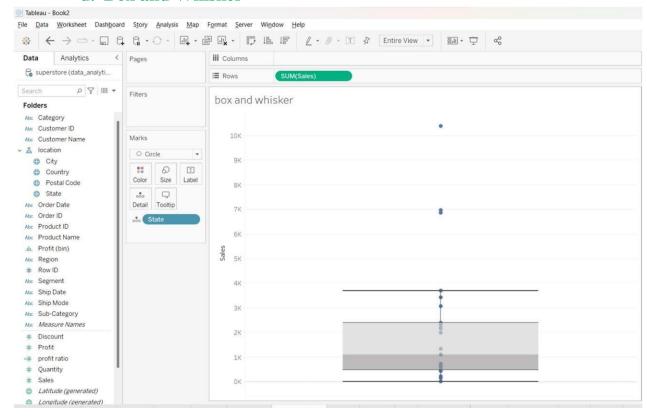
## b. Highlight Table



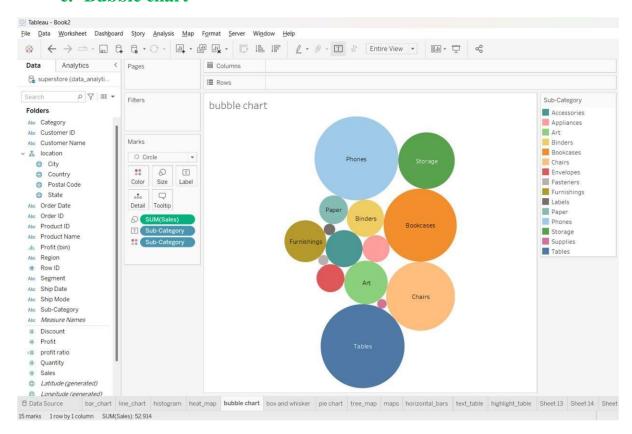
## c. Map format



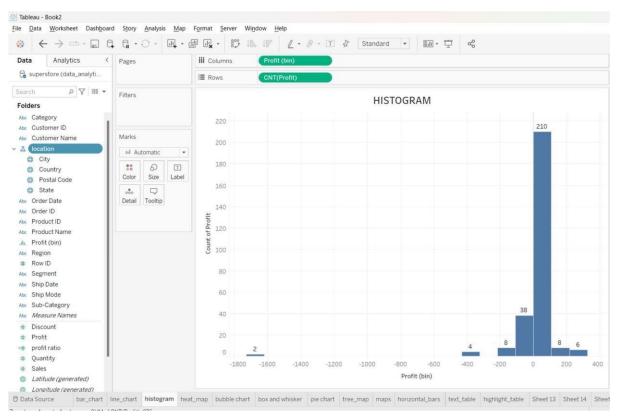
#### d. Box and Whisker



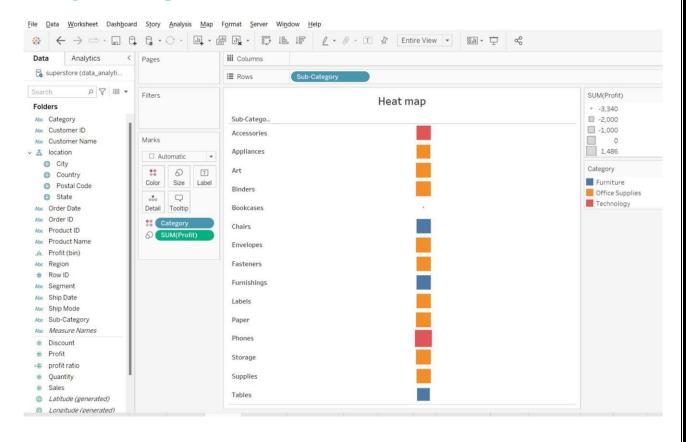
#### e. Bubble chart



## f. Histogram



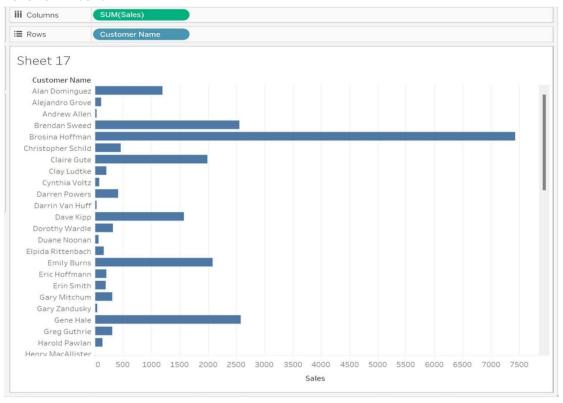
## g. Heat Map

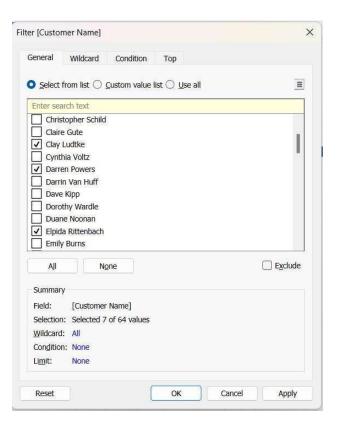


2) Apply dimension filter, context, and measure filter on any of the three Visualizations.

#### **Dimensional Filter:**

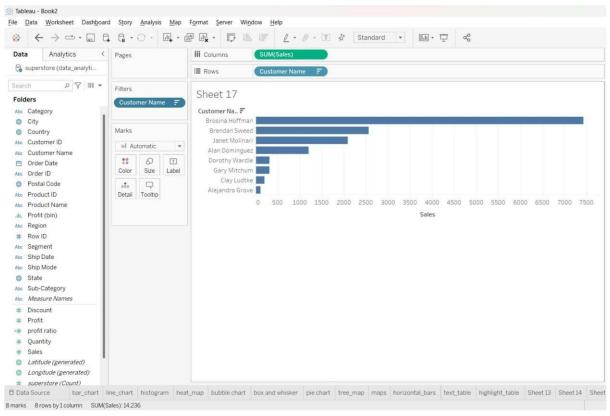
#### **Before Filter:**



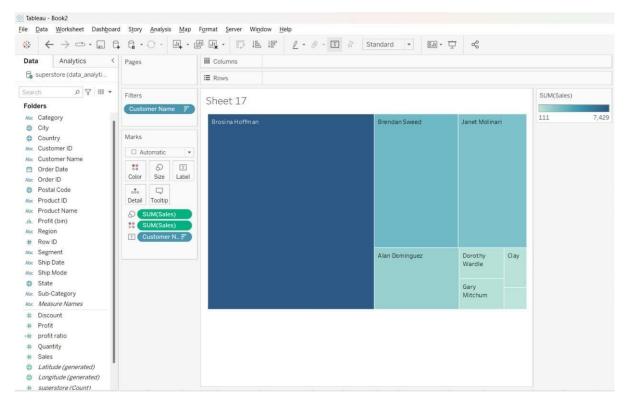


#### **After Filter:**

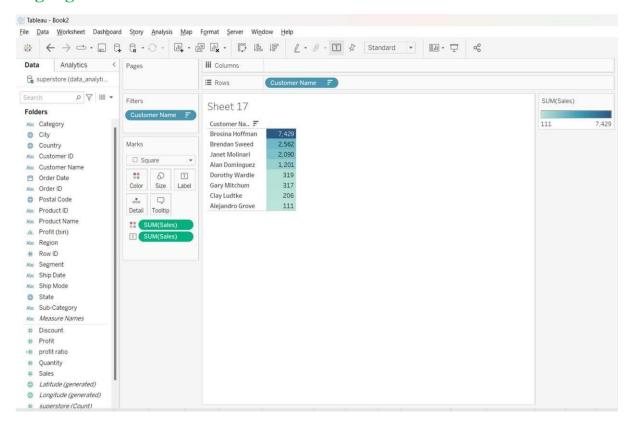
#### **Horizontal Bars:**



## Tree Map:

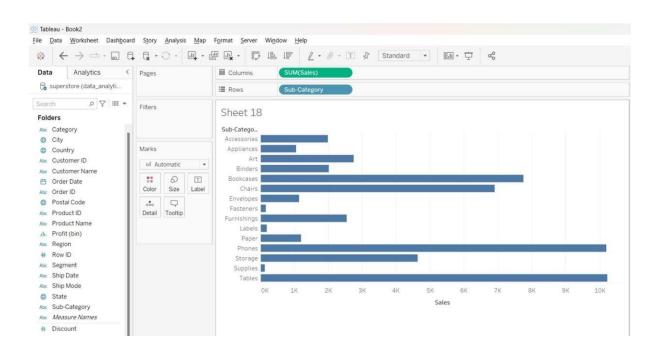


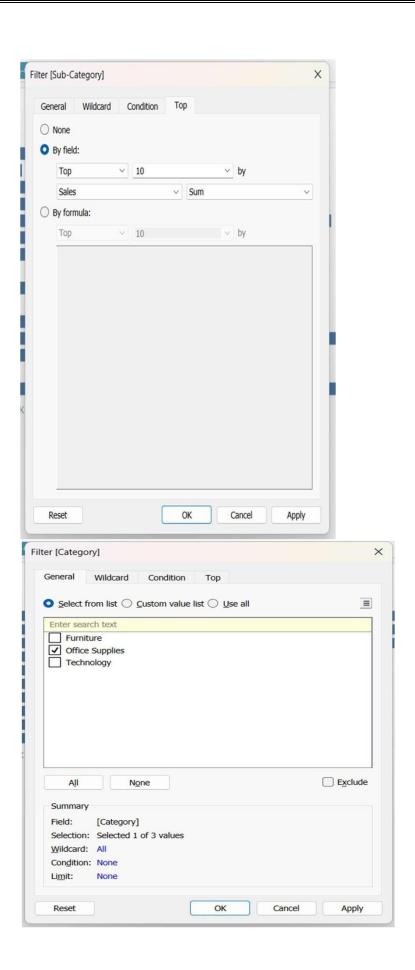
## **Highlight Table:**

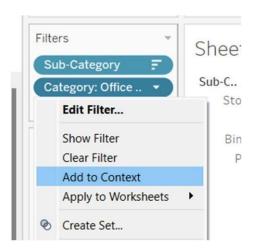


## **Context Filtering:**

#### **Before context Filter:**

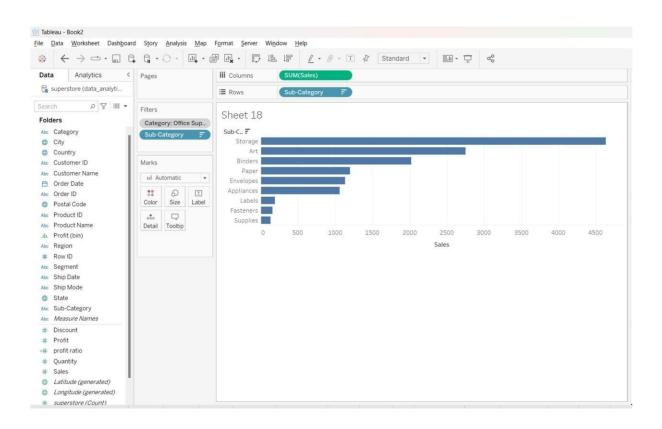




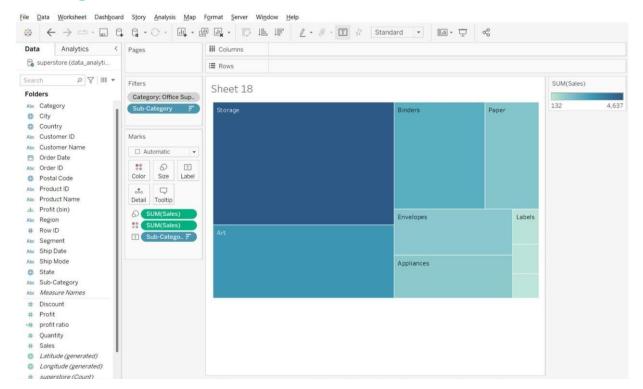


## **After Context Filtering:**

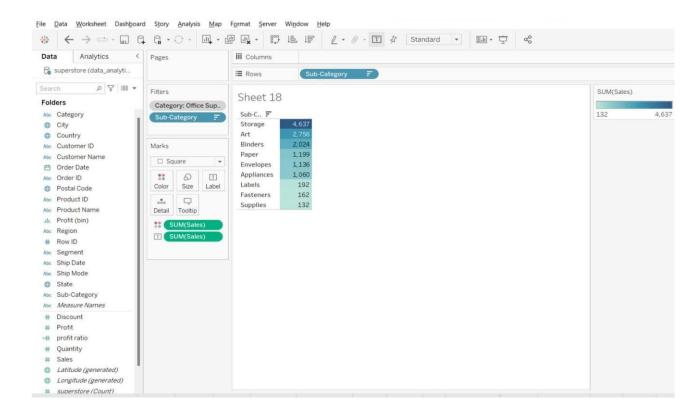
#### **Horizontal Bars:**



## Tree Map:

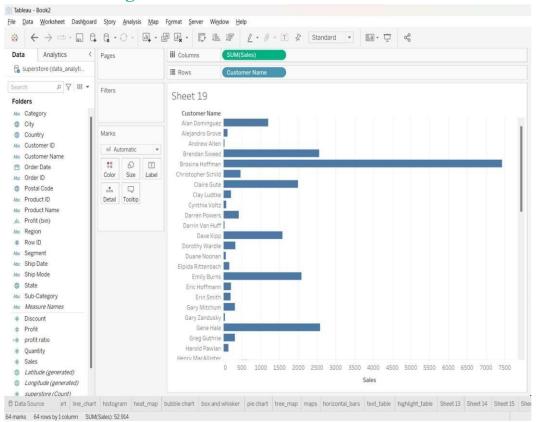


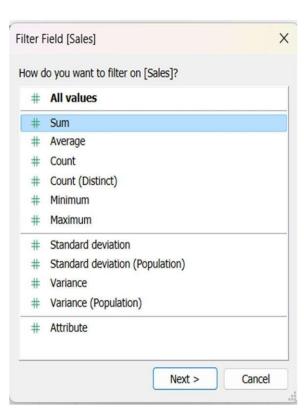
## **Highlight Table:**

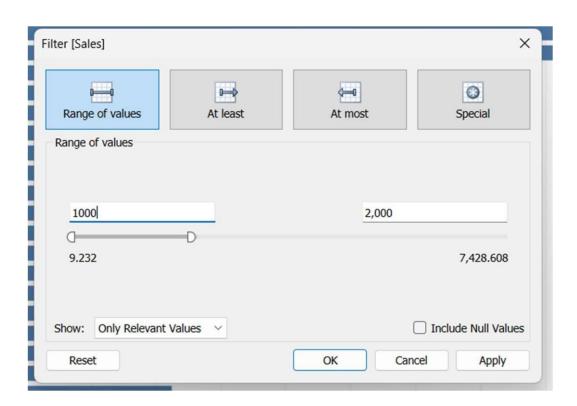


## **Measure Filtering:**

## **Before Filtering**

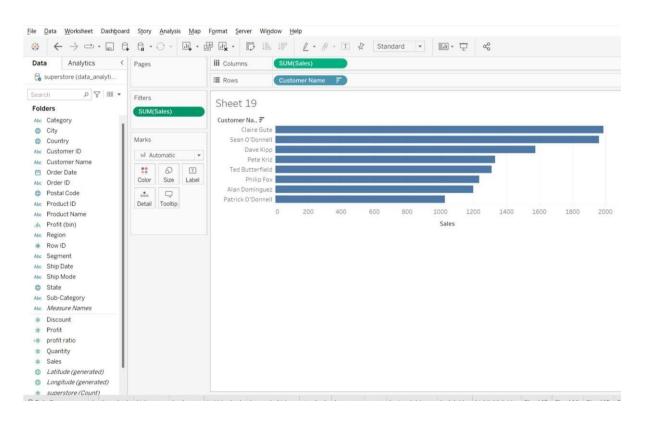




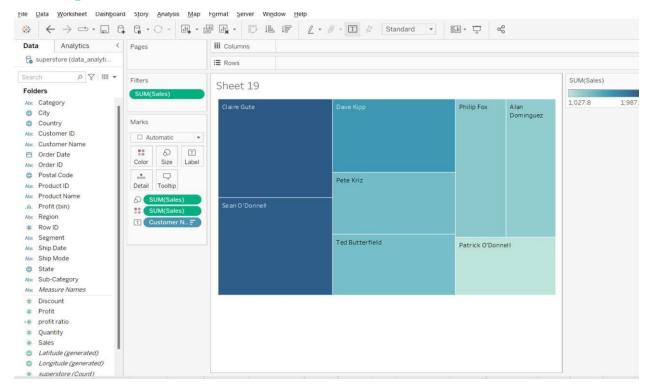


## **Apply Filtering:**

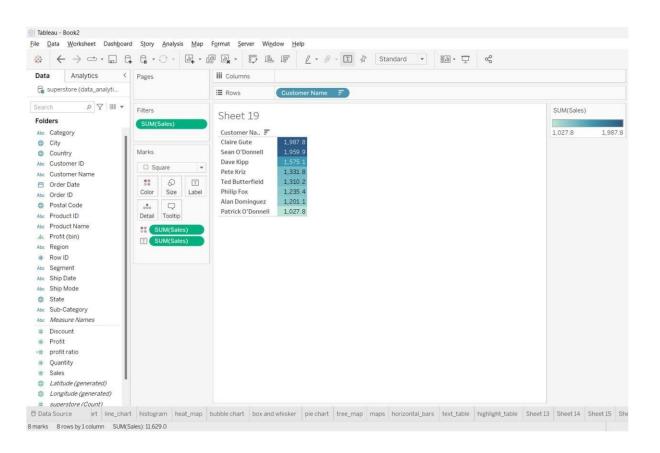
#### **Horizontal bars:**



#### Tree map:

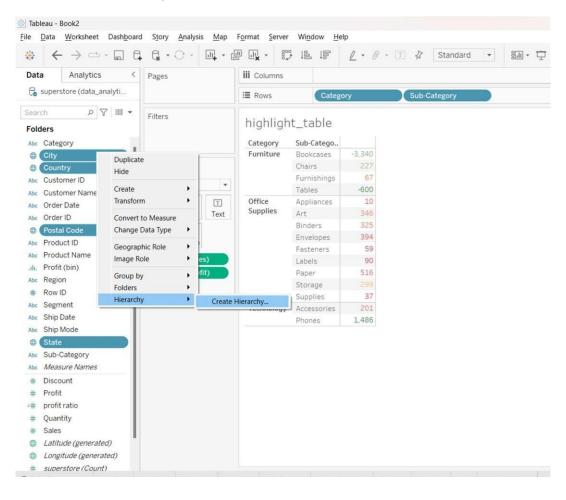


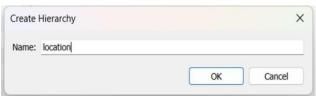
## **Highlight Table:**

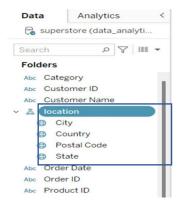


## 3) Perform the following data manipulations on your dataset

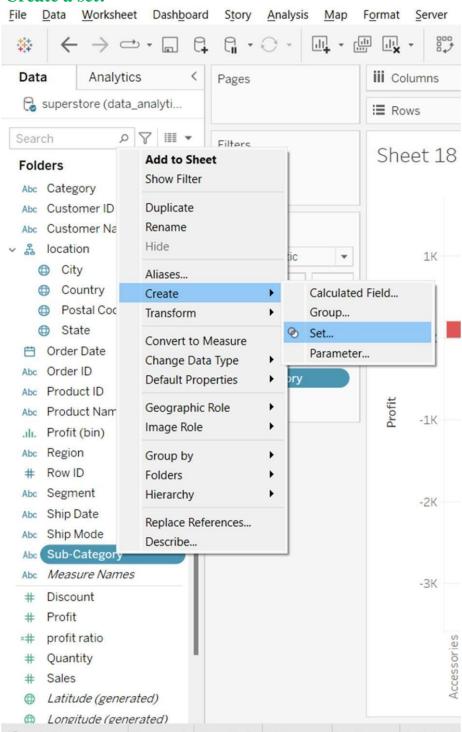
## **Create a Hierarchy:**

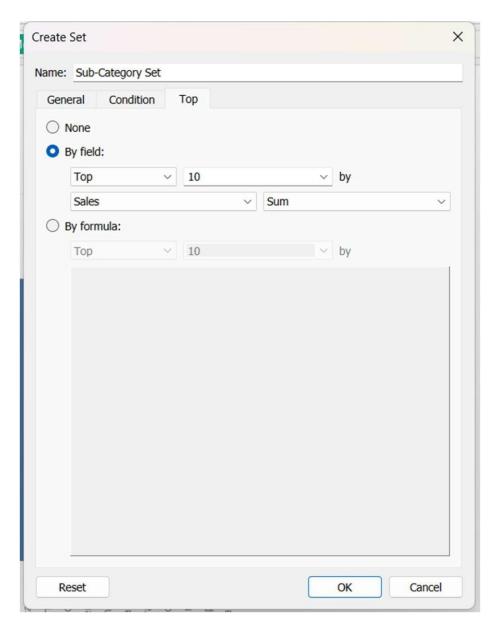


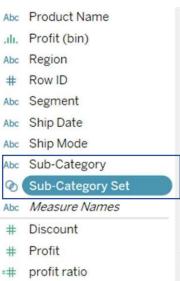




#### **Create a set:**







### Create a group:

