

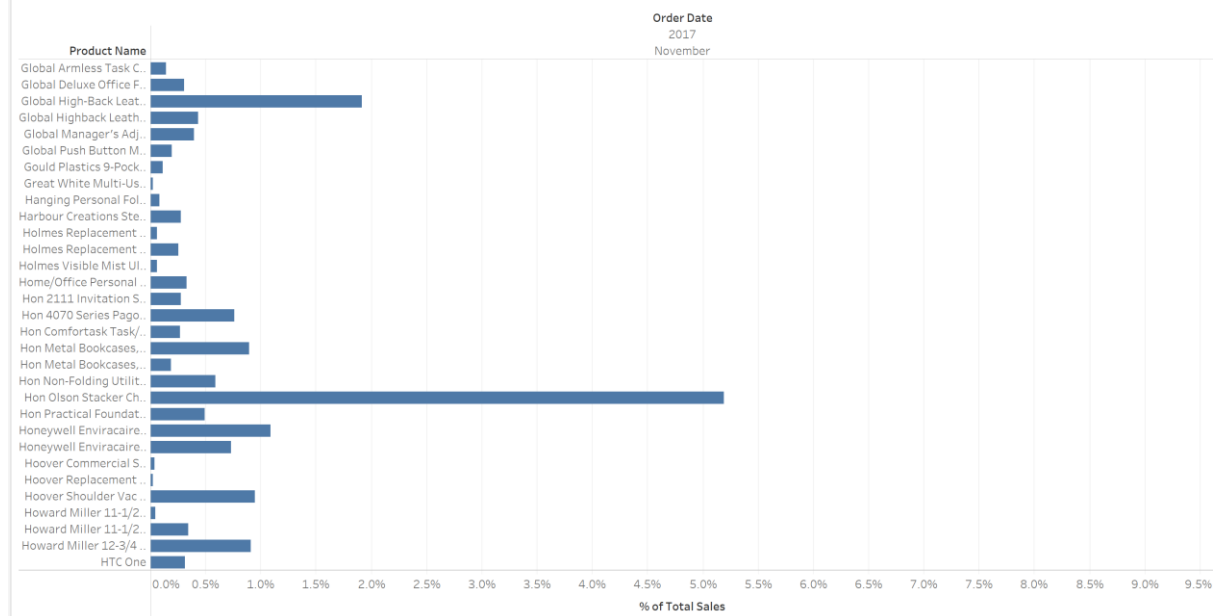
# Lab 8

## R. Harini

### 18BCE1010

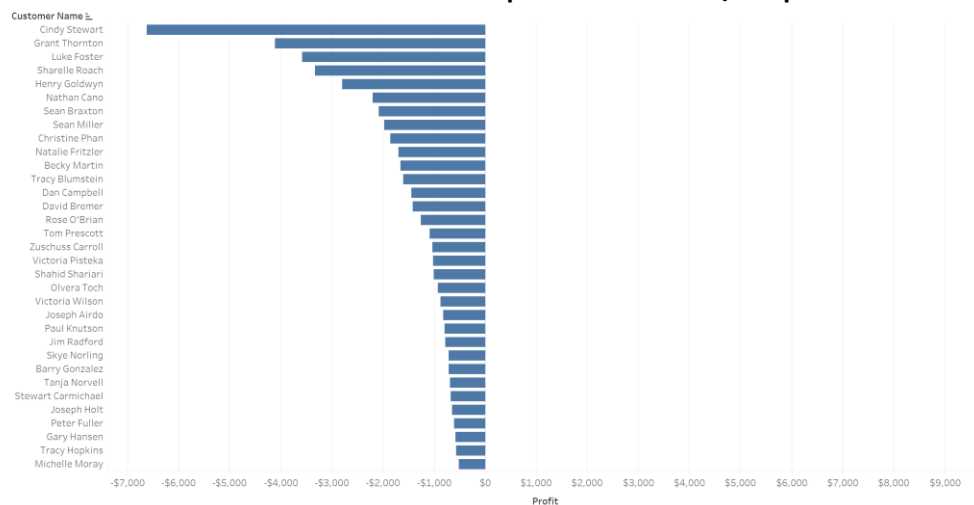
#### 1. What is the percent of total Sales for Home Office in July of 2013?

Since Home Office is only available in November of 2017, I have plotted all the product sales during that time.

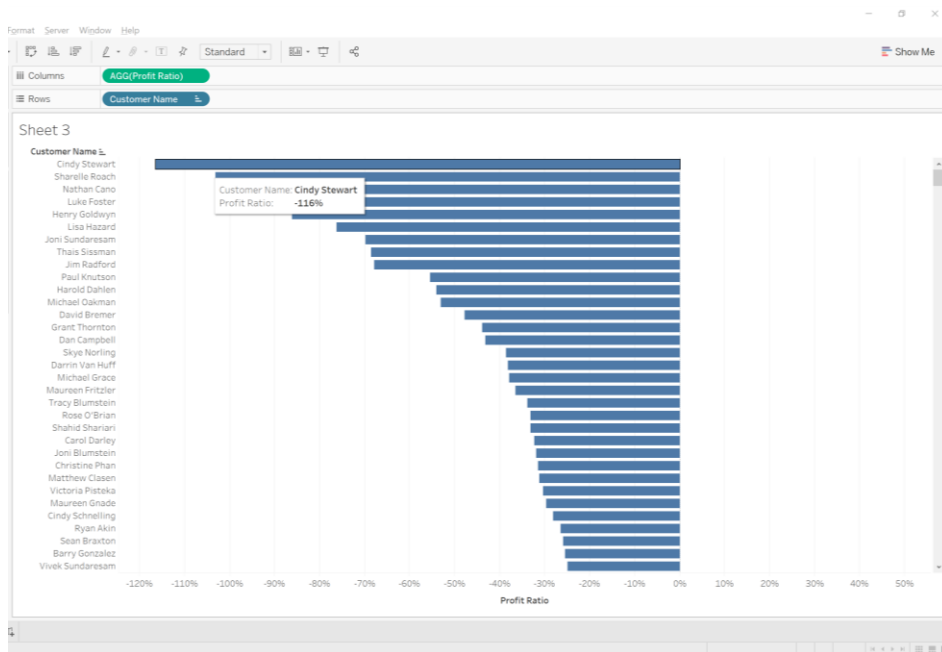


Ans: 0.329%

#### 2. Find the customer with the lowest overall profit. What is his/her profit ratio?

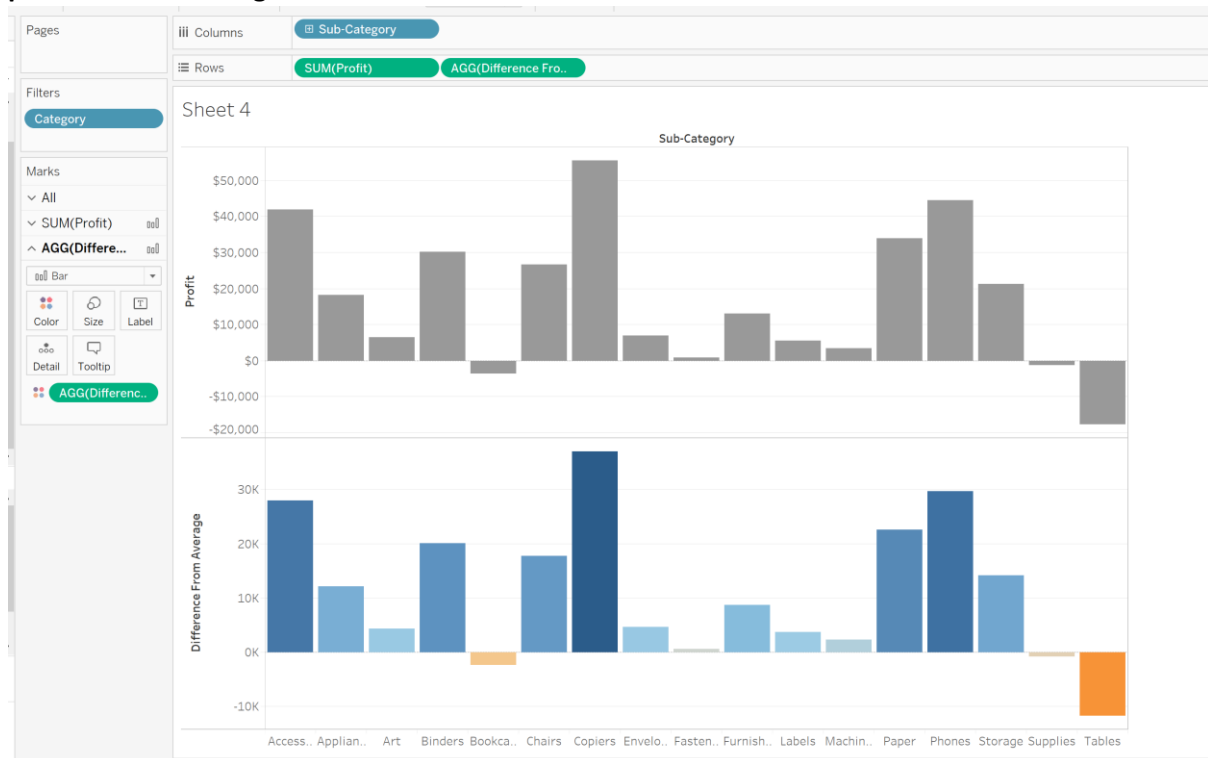


Ans: Cindy Stewart



Ans: Profit ratio is -116%

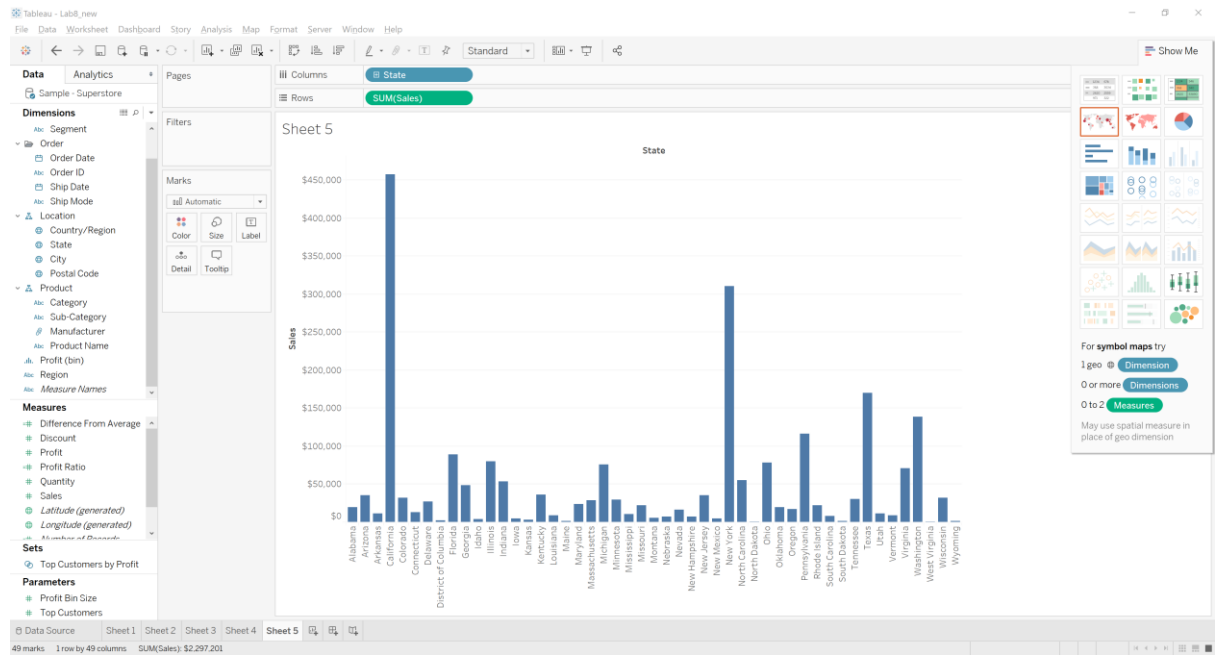
3. Look at the sum of profits for each category. Which category is -\$31,069 below the average profit across all categories?



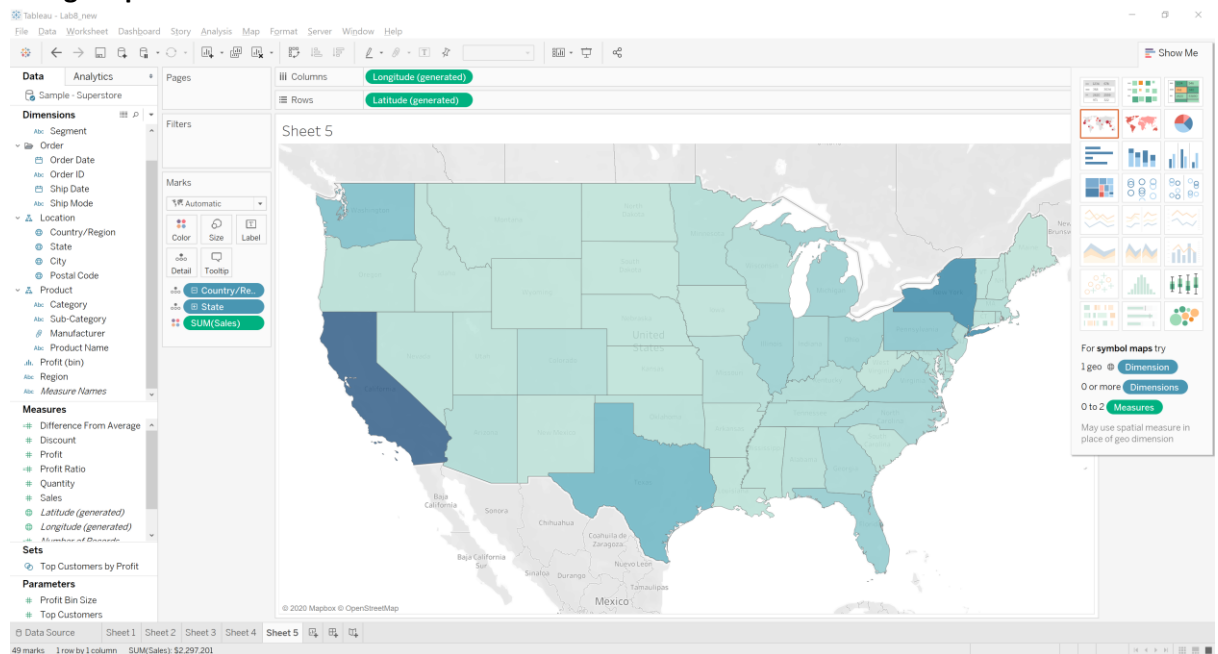
Ans: Tables

# Exploring Tableau:

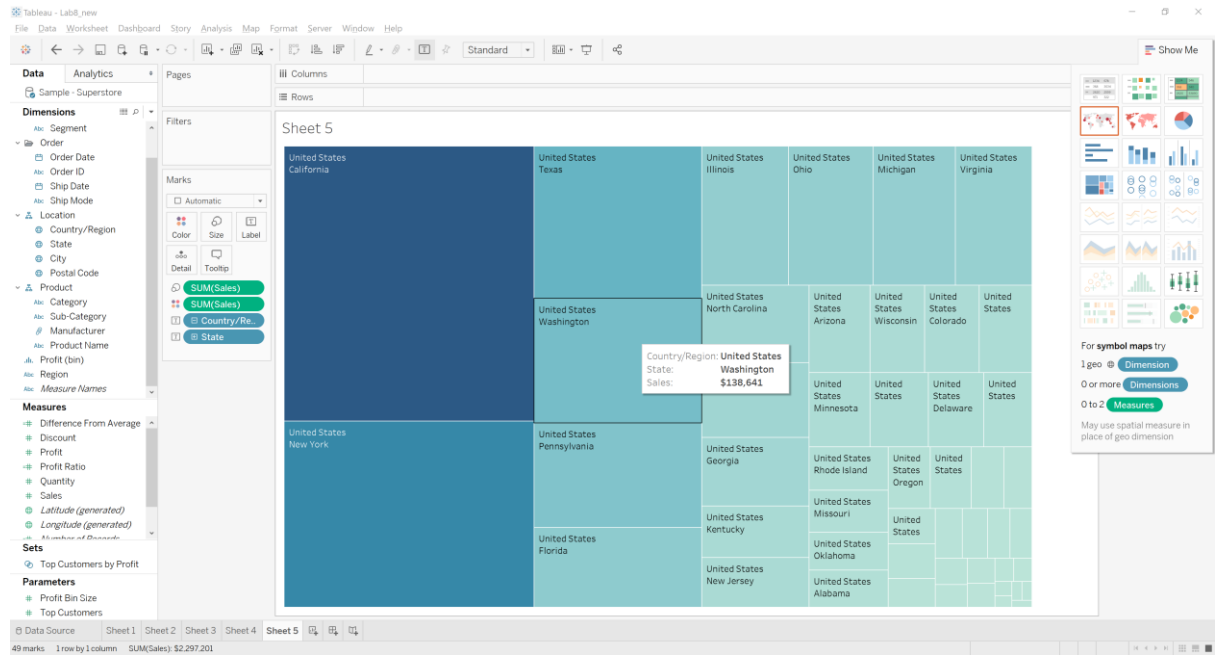
## 4. Sum of Sales in all states



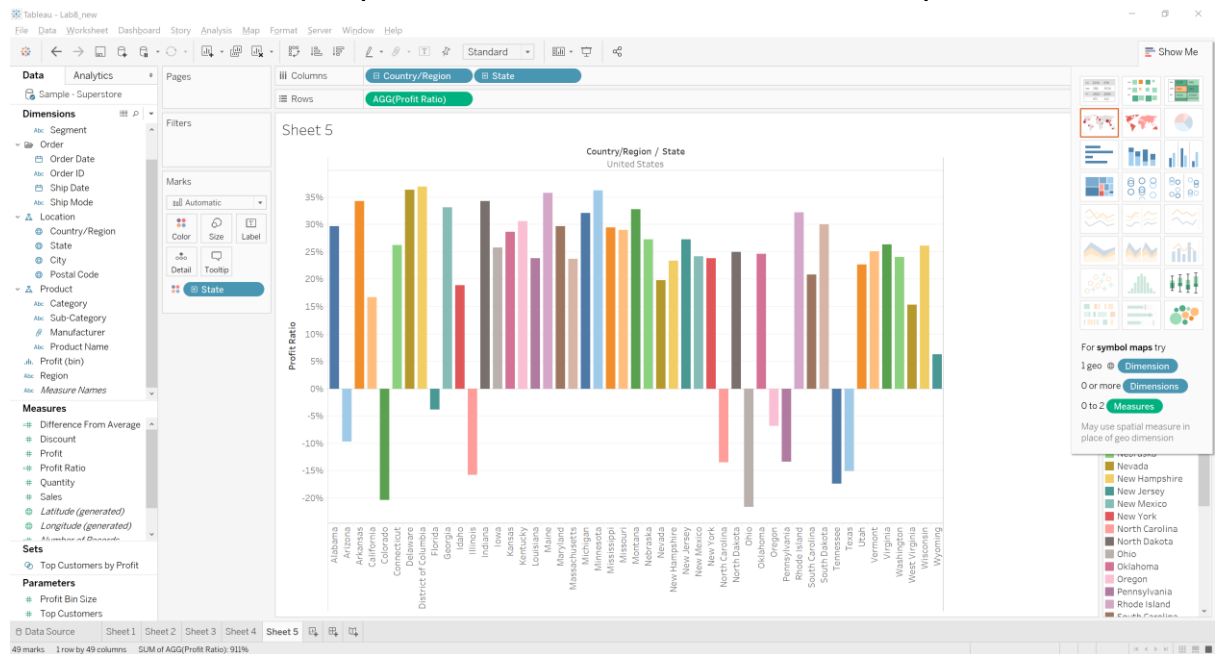
## Using Maps



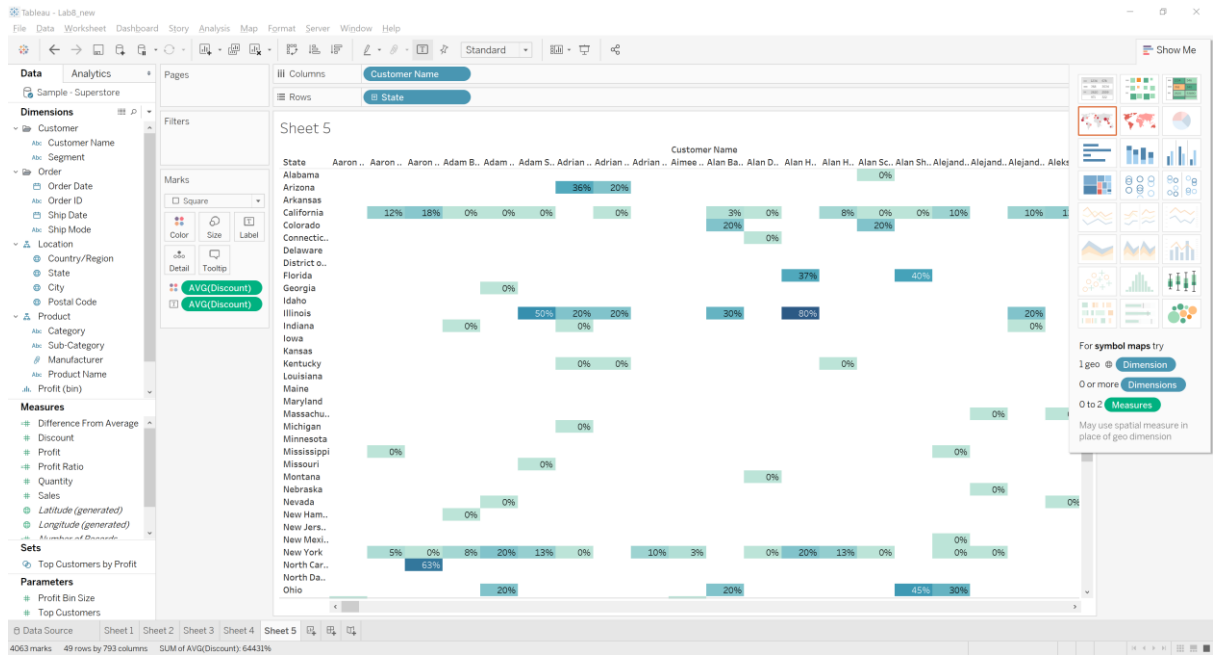
## Using Tree maps



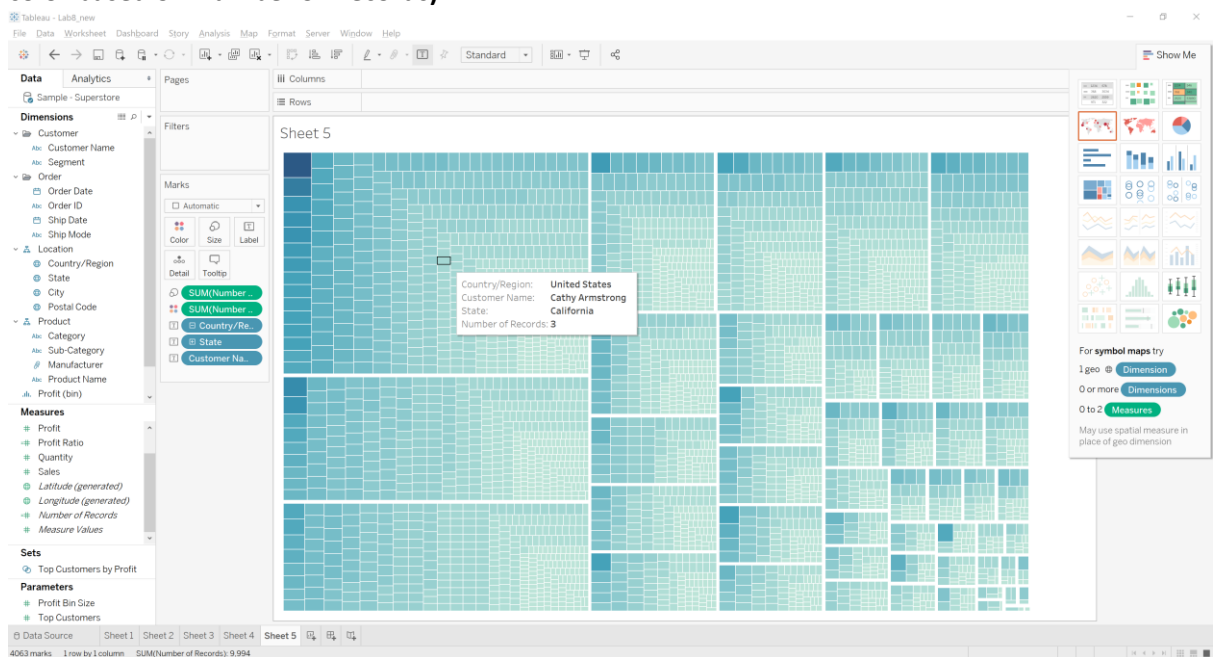
## 5. Profit ratio in various States (different colors allotted to different countries)



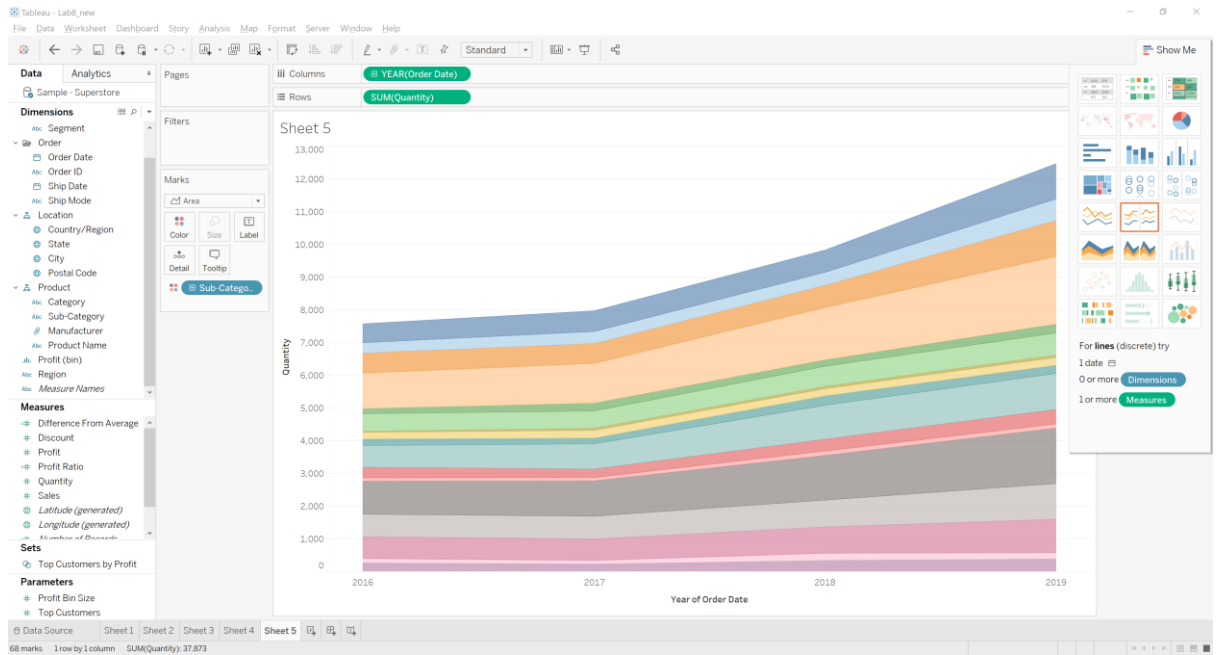
## 6. Average Discount received by each Customer from each State (using highlight tables)



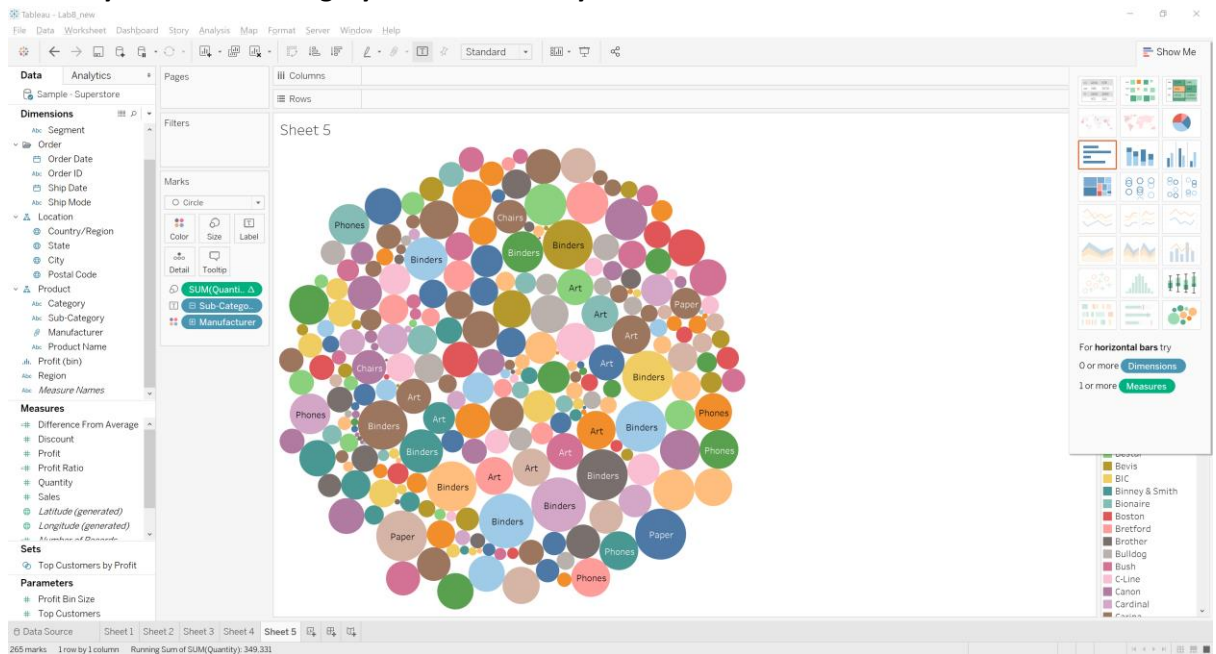
## 7. Sum of Number of Records of each customer in each State (using tree maps and different color based on Number of Records):



## 8. Sum of Quantity vs Year of Order (Different colors based on Sub Category):



## 9. Quantity of each sub category manufactured by different Manufacturers



Size: Quantity

Color: Manufacturer

Label: Sub Category