

# Assignment - 2

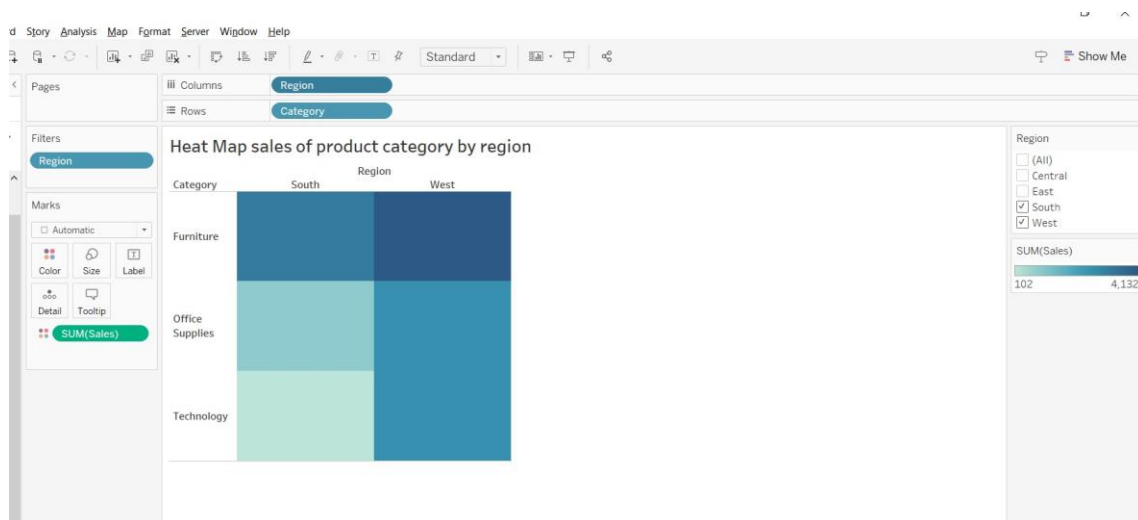
Name: Madhav Mishra

Reg. No: 20BCE11076

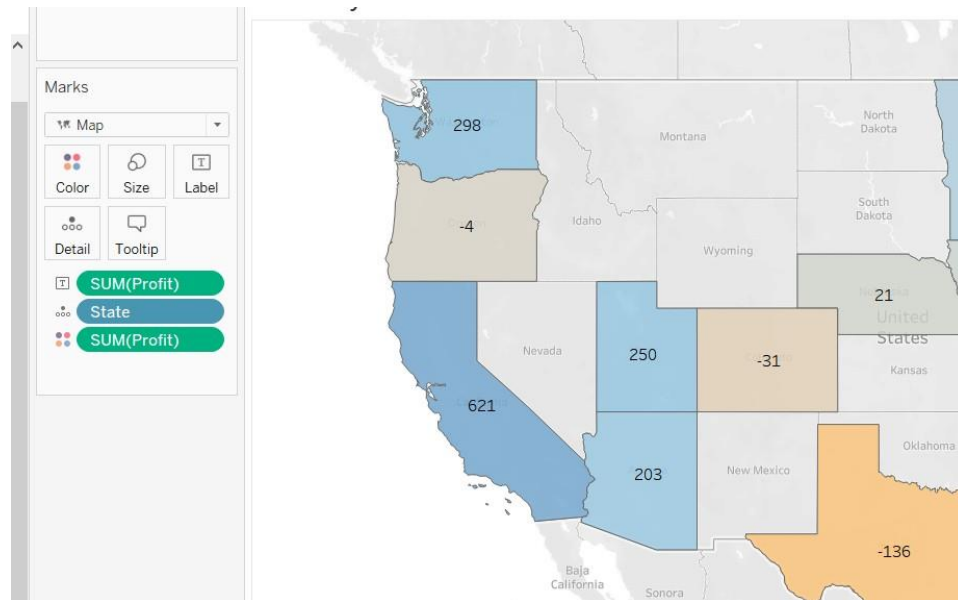
University: VIT Bhopal

- 1) Create any 7 data visualizations/charts and perform the following(attached below)
- 2) Apply dimension filter, context and measure filter on any of the three visualizations

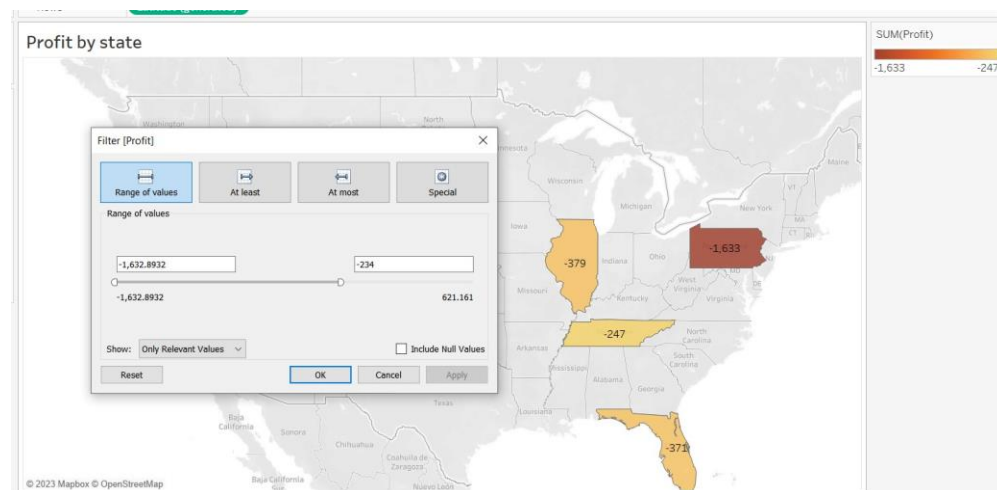
## a) Filtering



## b) Dimensions

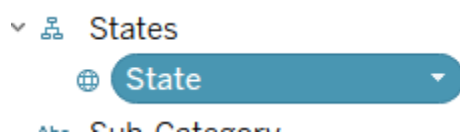


## c) Measure

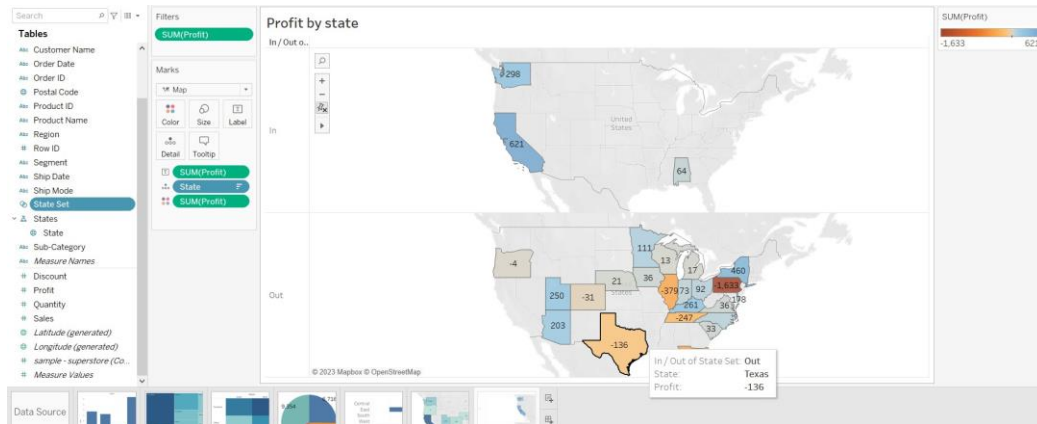


## 2) Perform the following data manipulations on your dataset

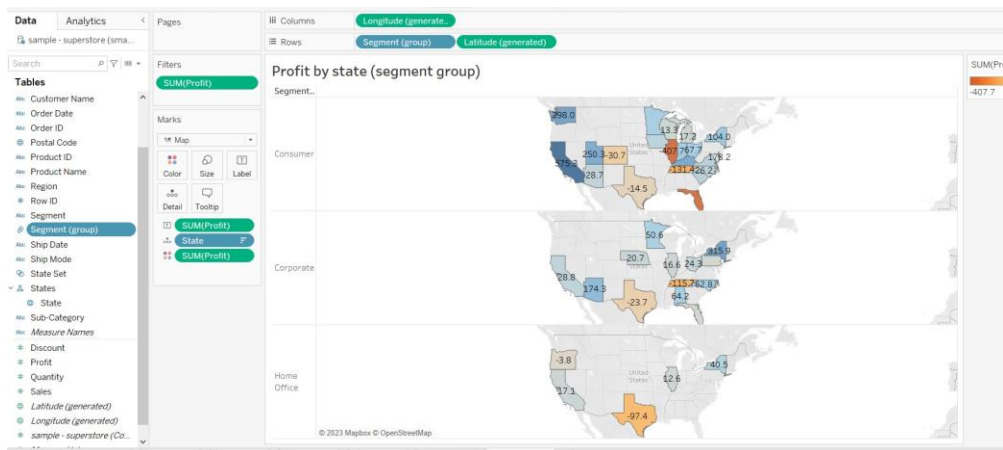
- create a Hierarchy



- create a set

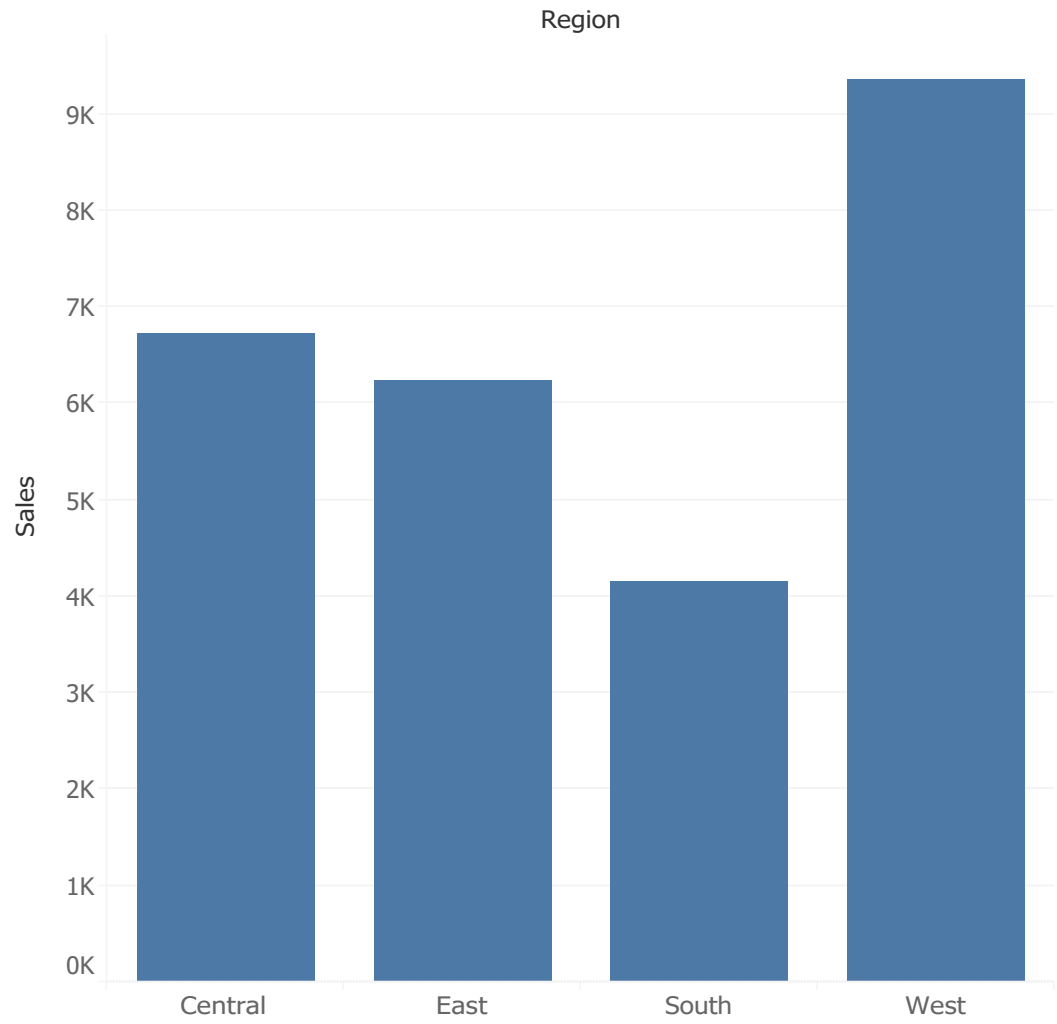


- create a group



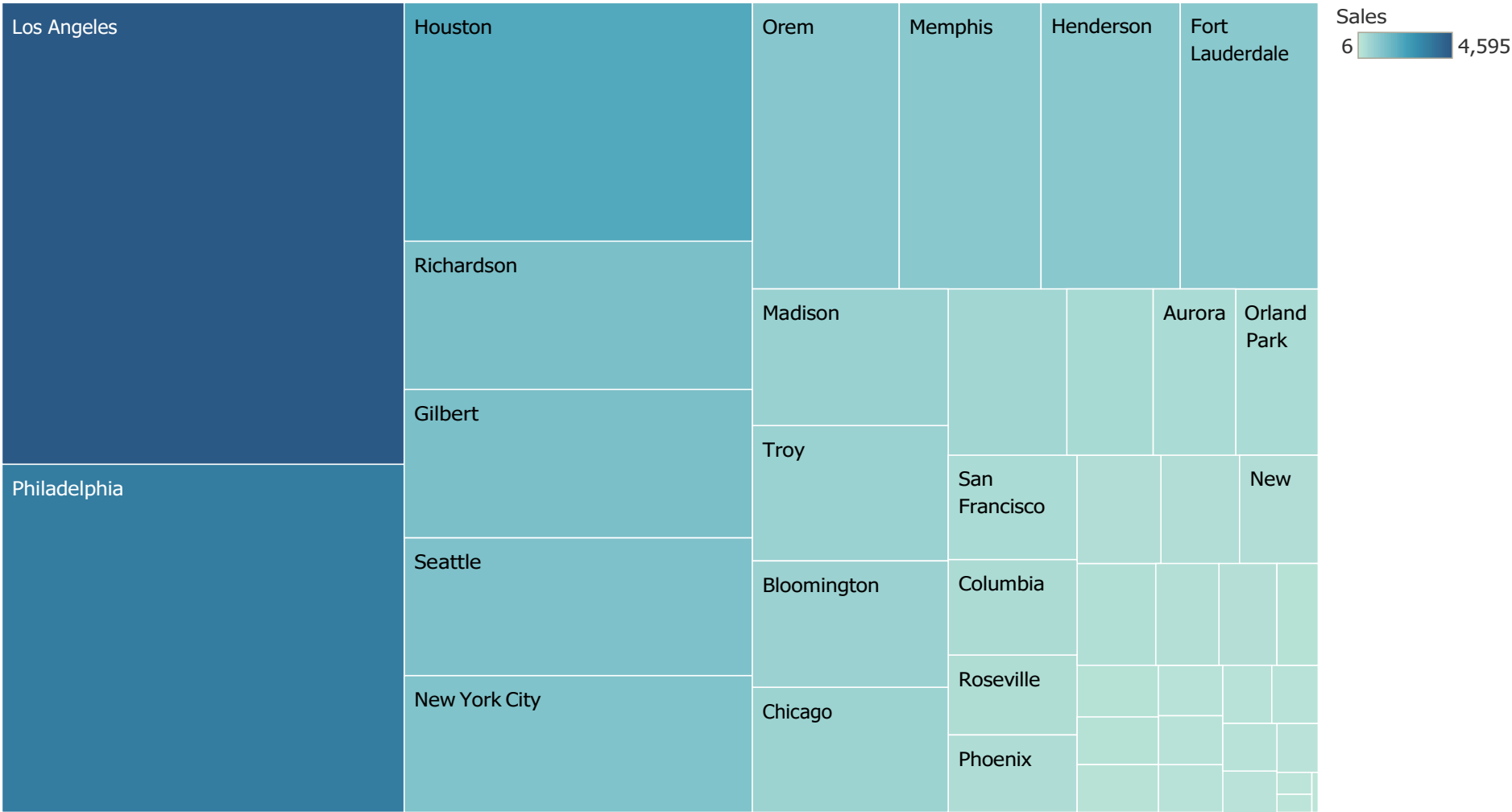
7 visualizations:

Bar Chart (Sales by region)



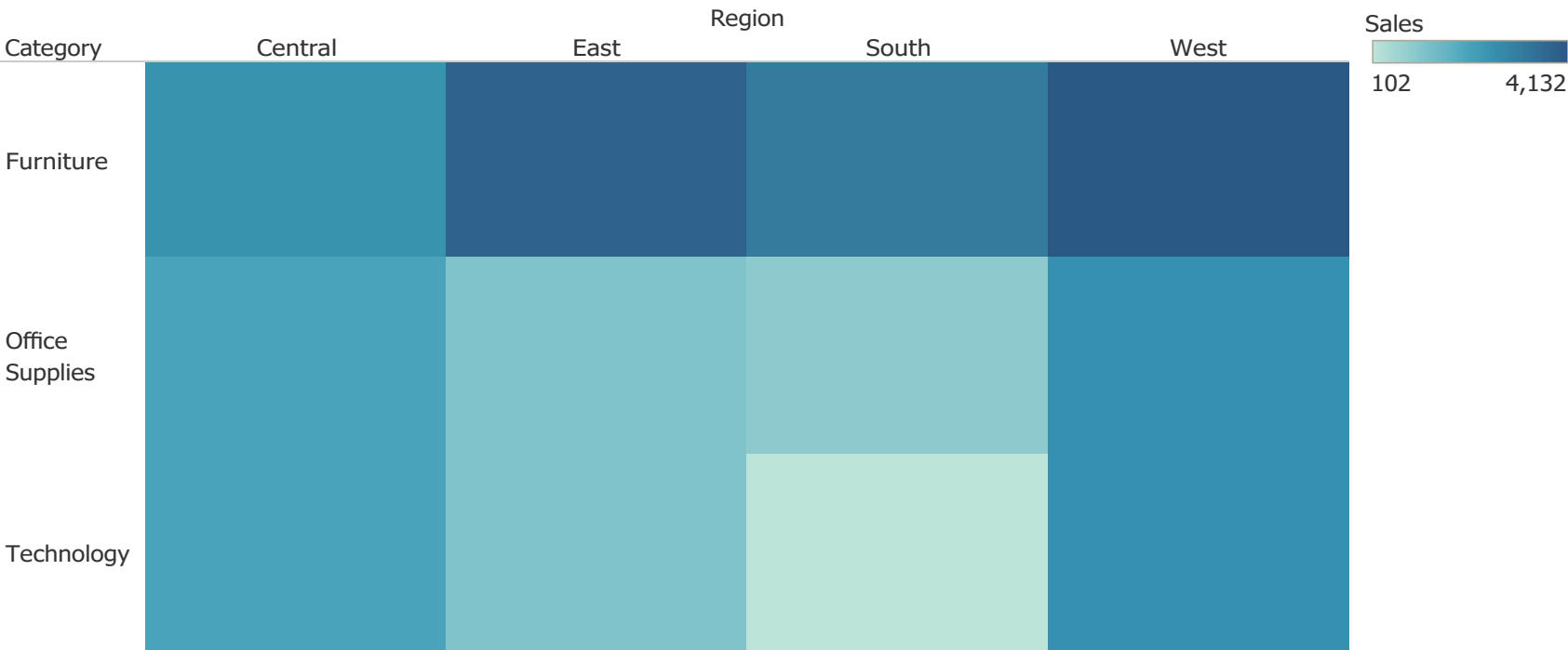
Sum of Sales for each Region.

# Treemap Sales by city



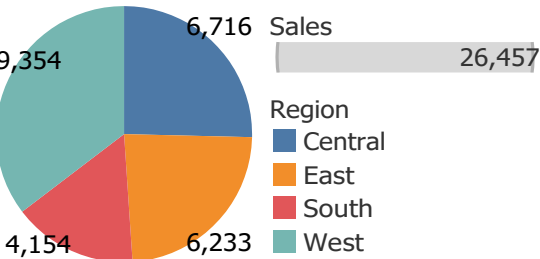
City. Color shows sum of Sales. Size shows sum of Sales. The marks are labeled by City.

# Heat Map sales of product category by region



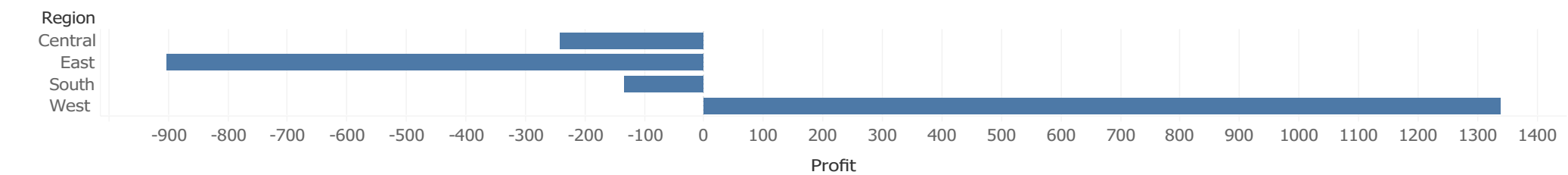
Sum of Sales (color) broken down by Region vs. Category.

Pie Chart for  
sale share  
by region



Region (color) and  
sum of Sales (size).

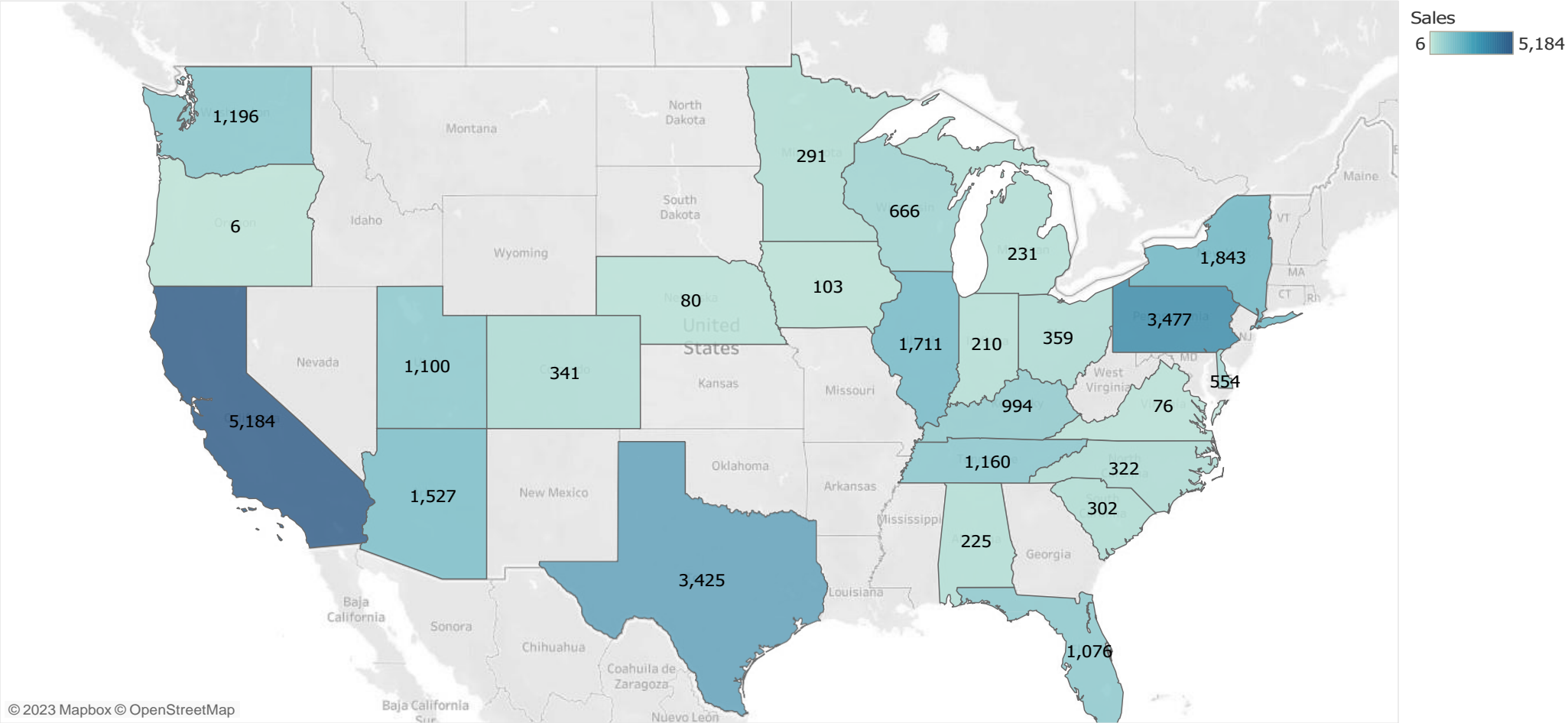
Horizontal Bar chart profit by region



Sum of Profit for each Region.

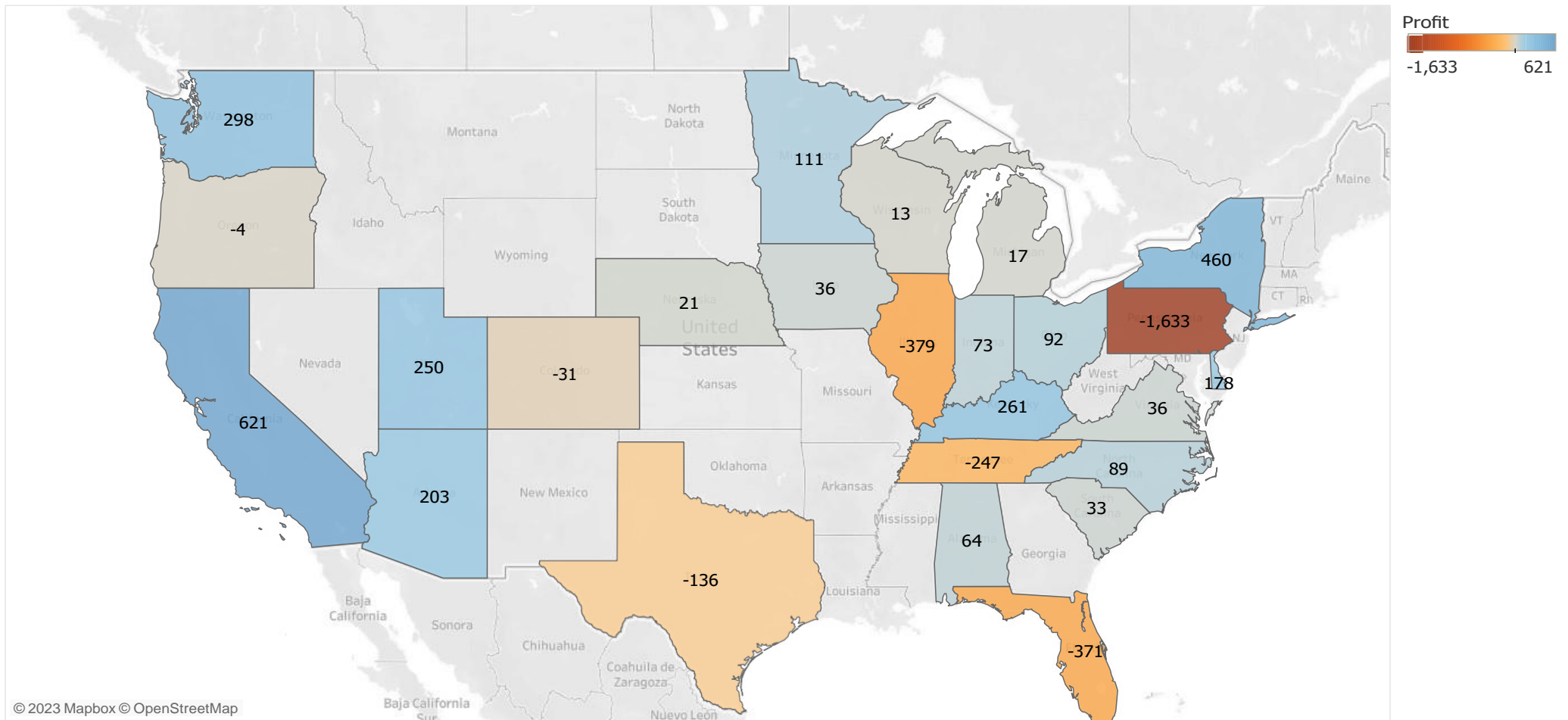


Sales by state



Map based on Longitude (generated) and Latitude (generated). Color shows sum of Sales. The marks are labeled by sum of Sales. Details are shown for State.

## Profit by state



Map based on Longitude (generated) and Latitude (generated). Color shows sum of Profit. The marks are labeled by sum of Profit. Details are shown for State.