Digital Assignment 1
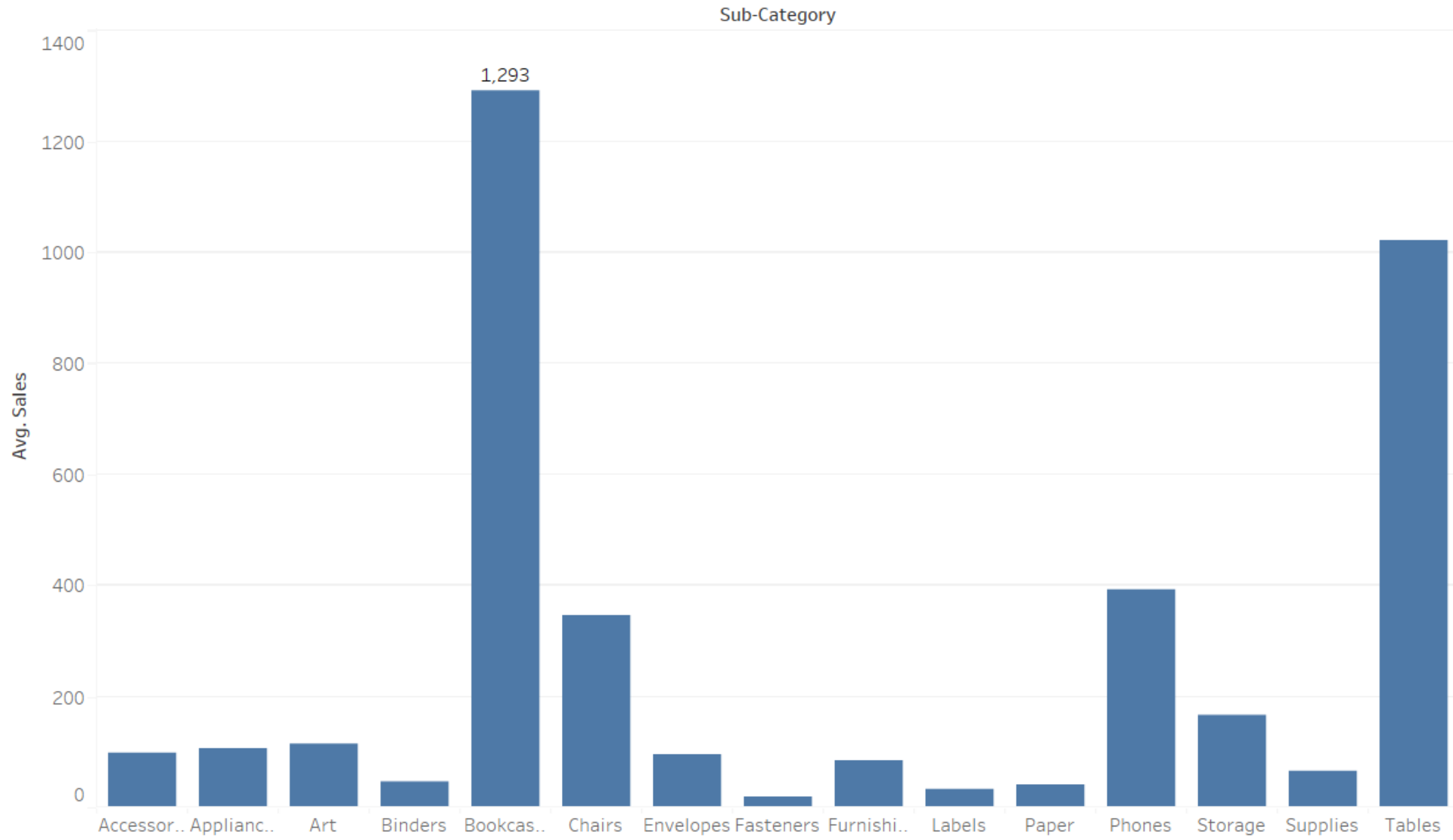
Name – Adarsh Nehra

Reg. No. – 20BME0471
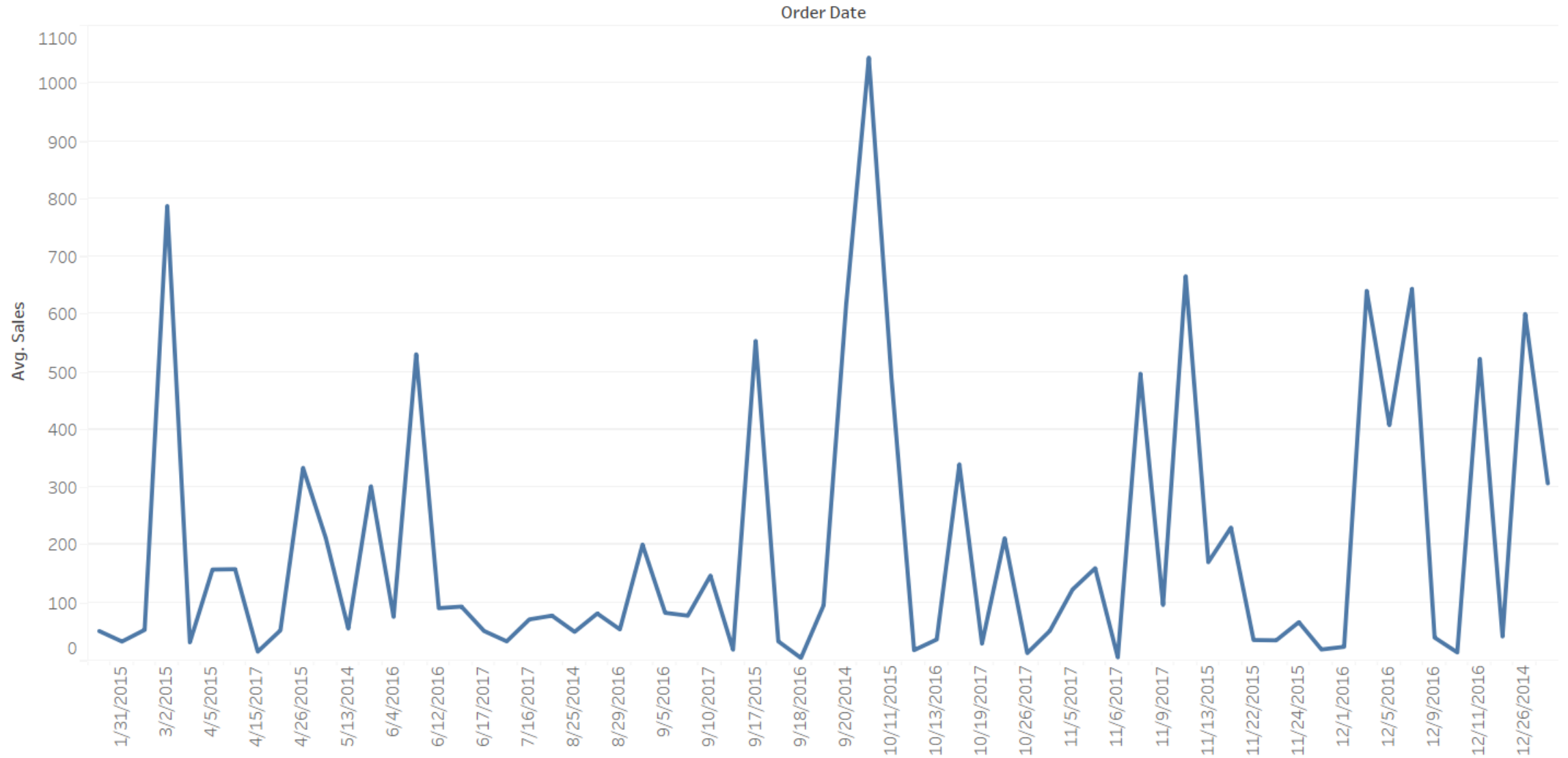
Data Analytics

Average Sales by subcategories
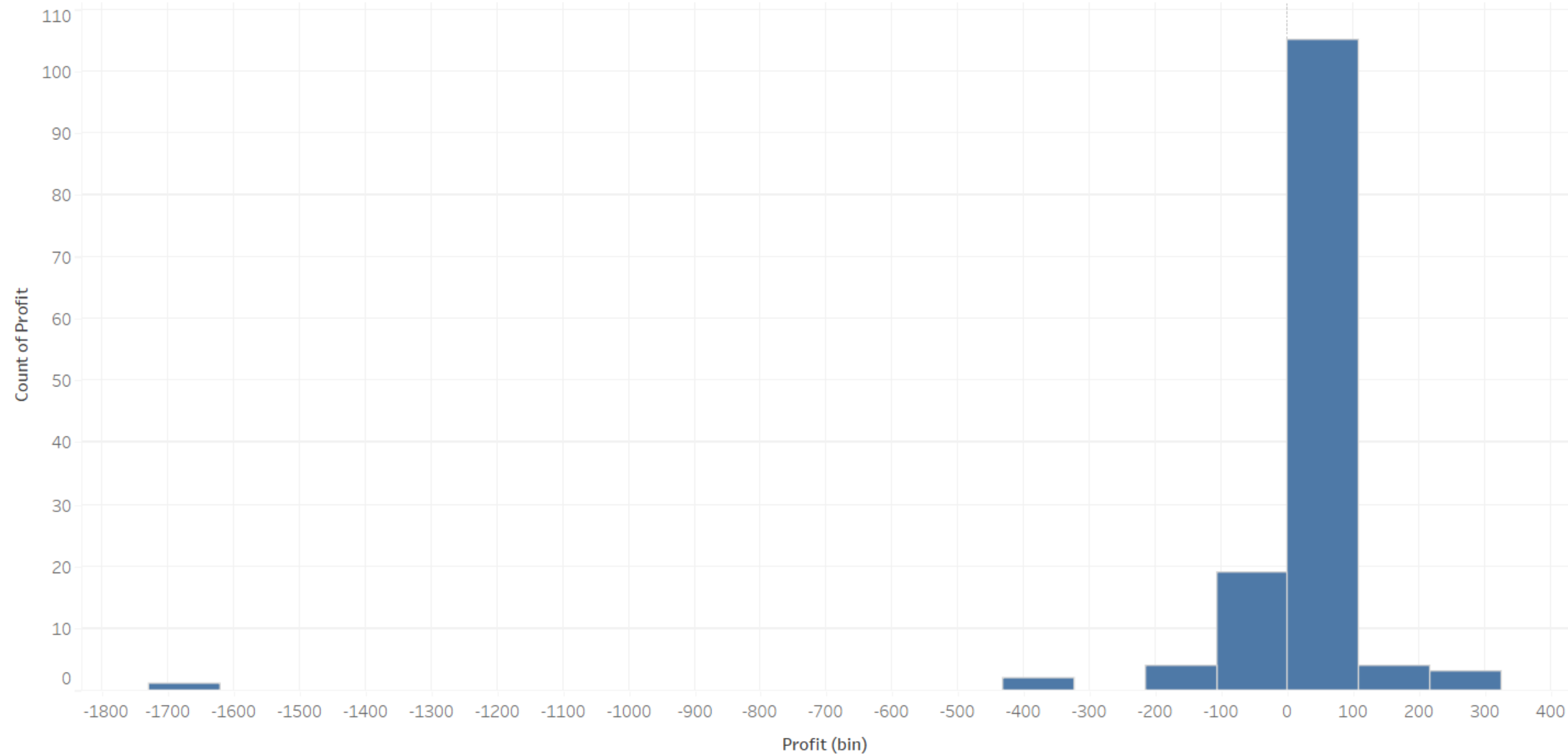
Sub-Category

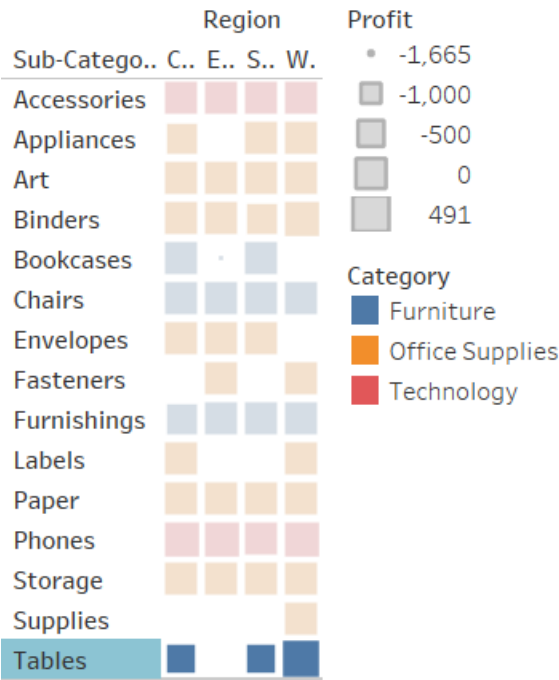Average of Sales for each Sub-Category.

Line Chart

Order Date

The trend of average of Sales for Order Date.

HISTOGRAM

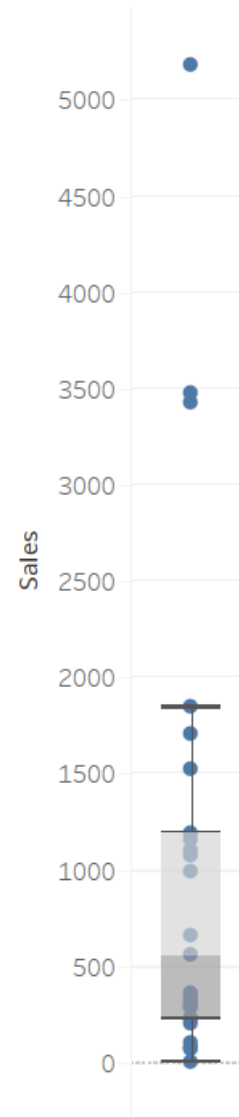The trend of count of Profit for Profit (bin).

Heat Map

Sub-Catego..	C..	E..	S..	W..
Accessories	▨	▨	▨	▨
Appliances	▨		▨	▨
Art	▨	▨	▨	▨
Binders	▨	▨	▨	▨
Bookcases	▨	·	▨	
Chairs	▨	▨	▨	▨
Envelopes	▨	▨	▨	
Fasteners		▨		▨
Furnishings	▨	▨	▨	▨
Labels	▨			▨
Paper	▨	▨	▨	▨
Phones	▨	▨	▨	▨
Storage	▨	▨	▨	▨
Supplies				▨
Tables	■		■	■

Region

Profit
- · -1,665
- ▢ -1,000
- ▢ -500
- ▢ 0
- ▢ 491

Category
- ■ Furniture
- ■ Office Supplies
- ■ Technology

Category (color) and sum of Profit (size) broken down by Region vs. Sub-Category.

Bubble Chart

Sub-Category

- Accessories
- Appliances
- Art
- Binders
- Chairs
- Envelopes
- Fasteners
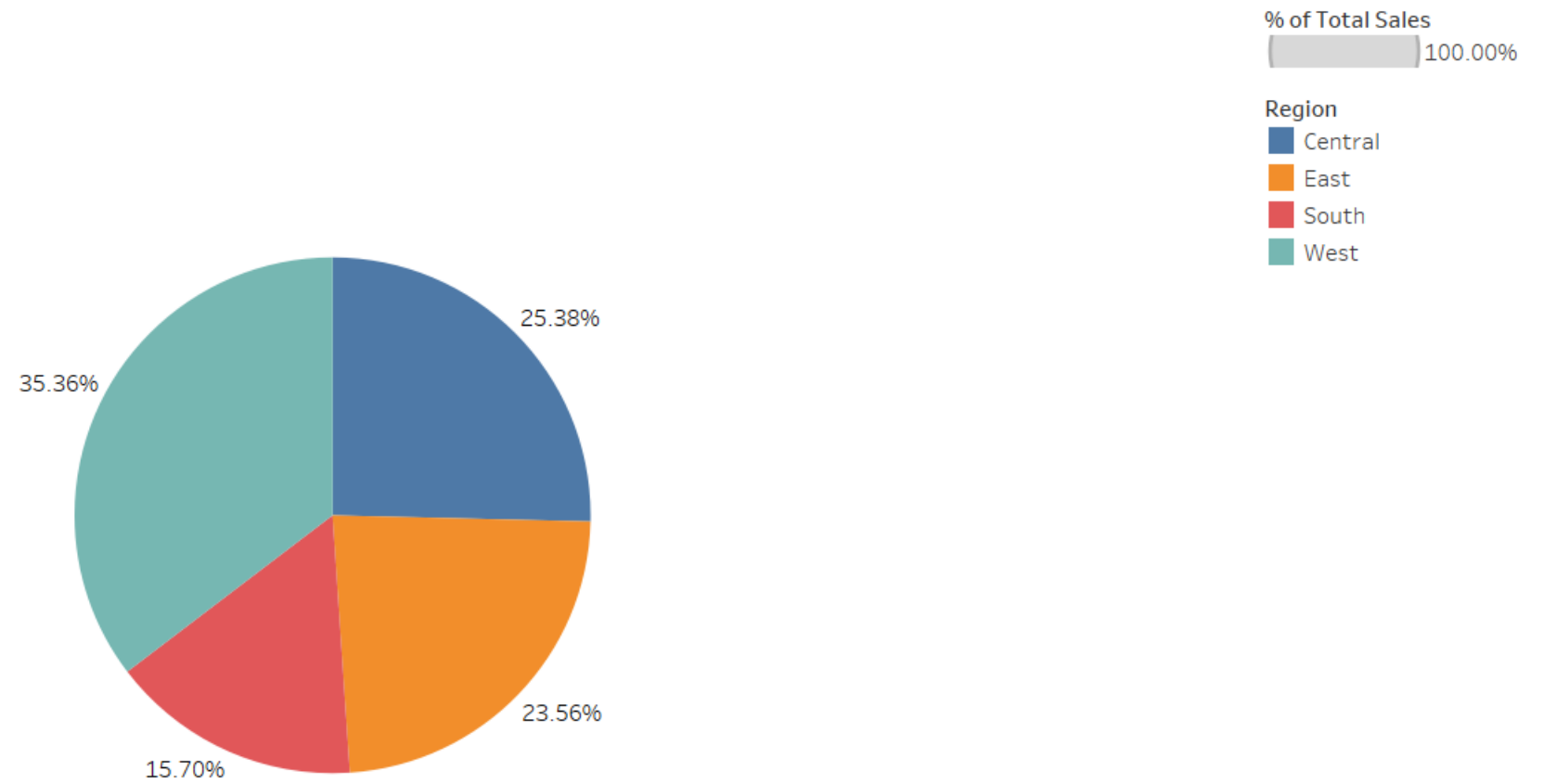- Furnishings
- Labels
- Paper
- Phones
- Storage
- Supplies
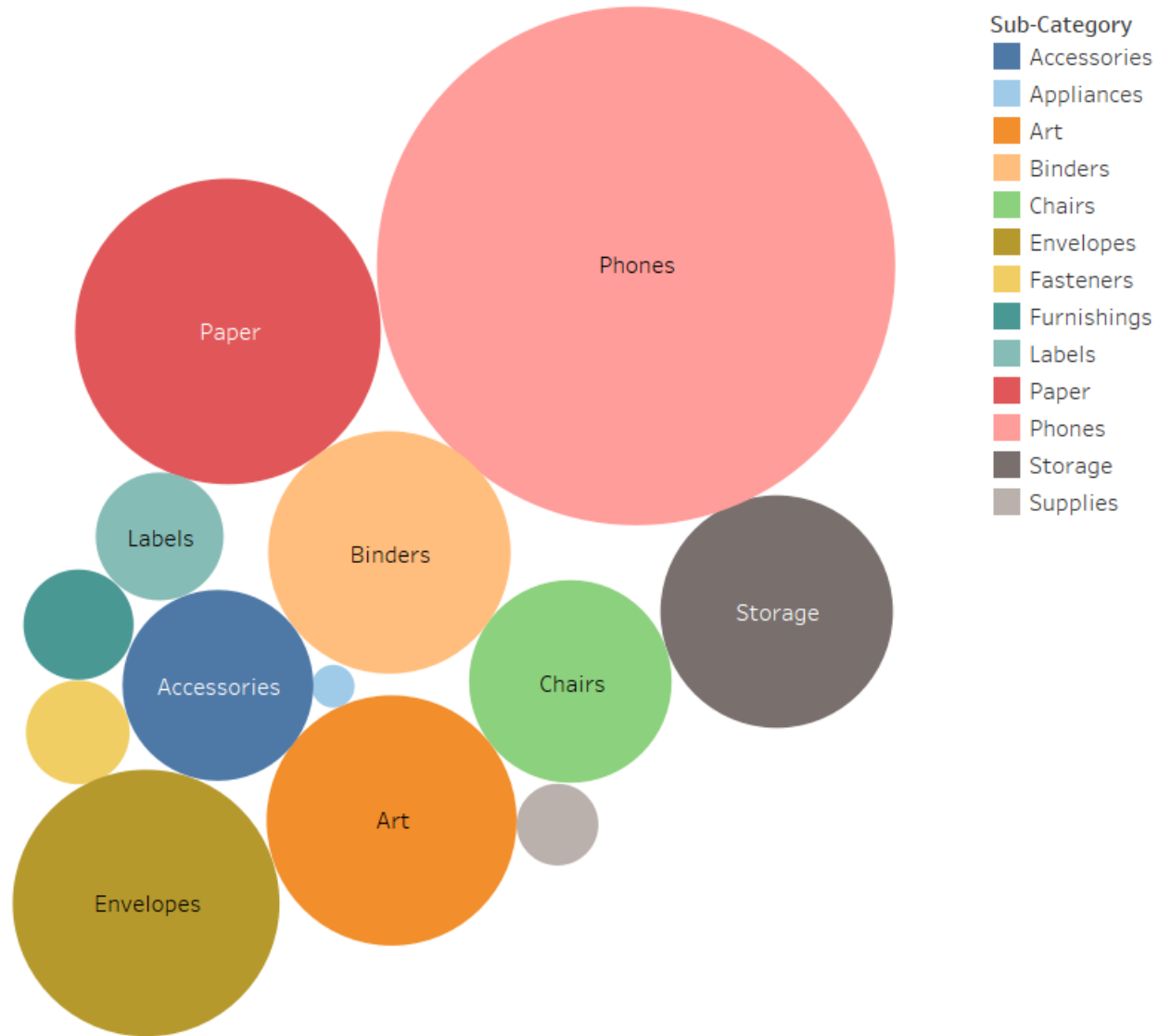
Sub-Category. Color shows details about Sub-Category. Size shows sum of Profit. The marks are labeled by Sub-Category. The view is filtered on sum of Profit, which includes greater than and or equal to 0.0 and keeps Null values.
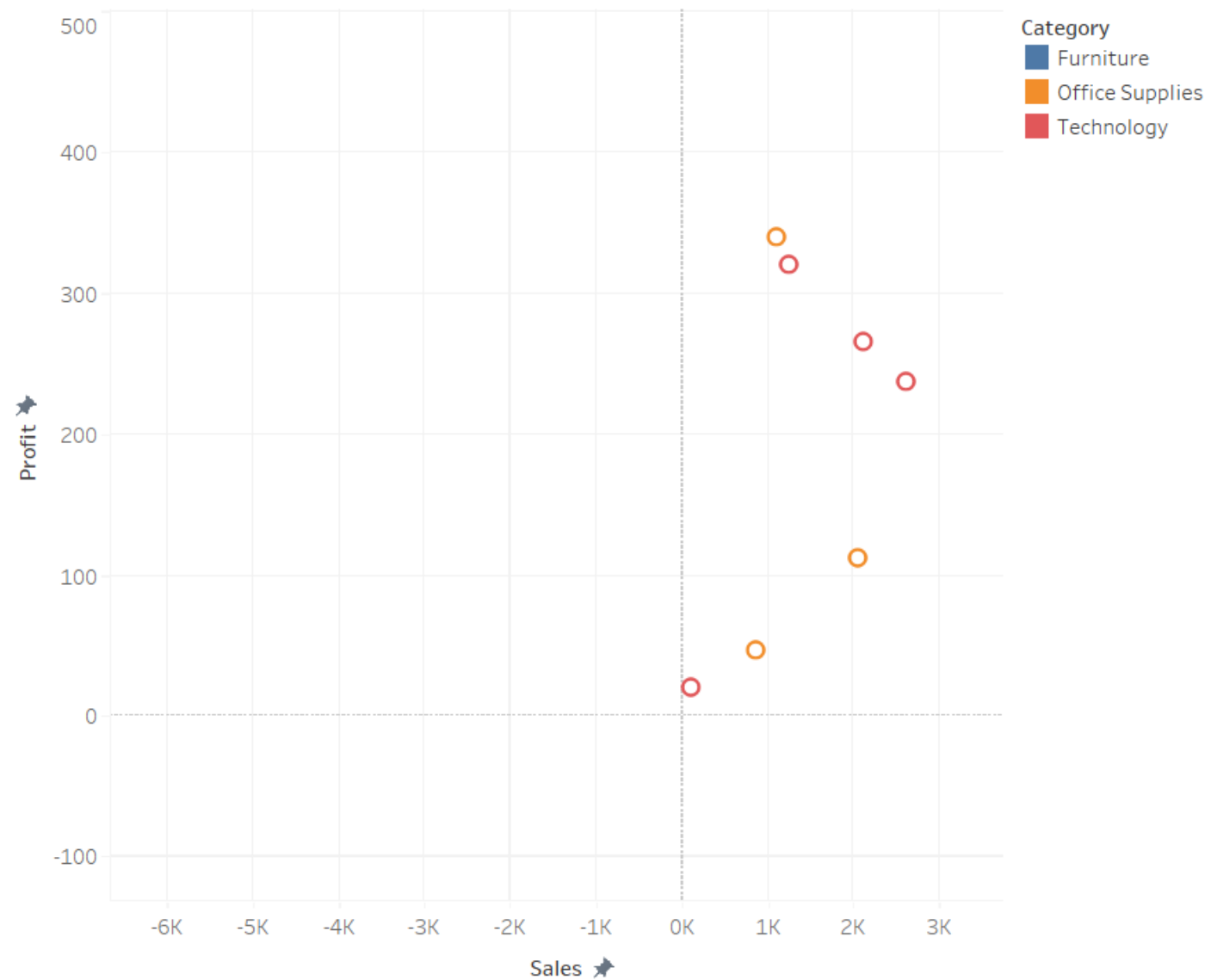
Box and Whisker plot
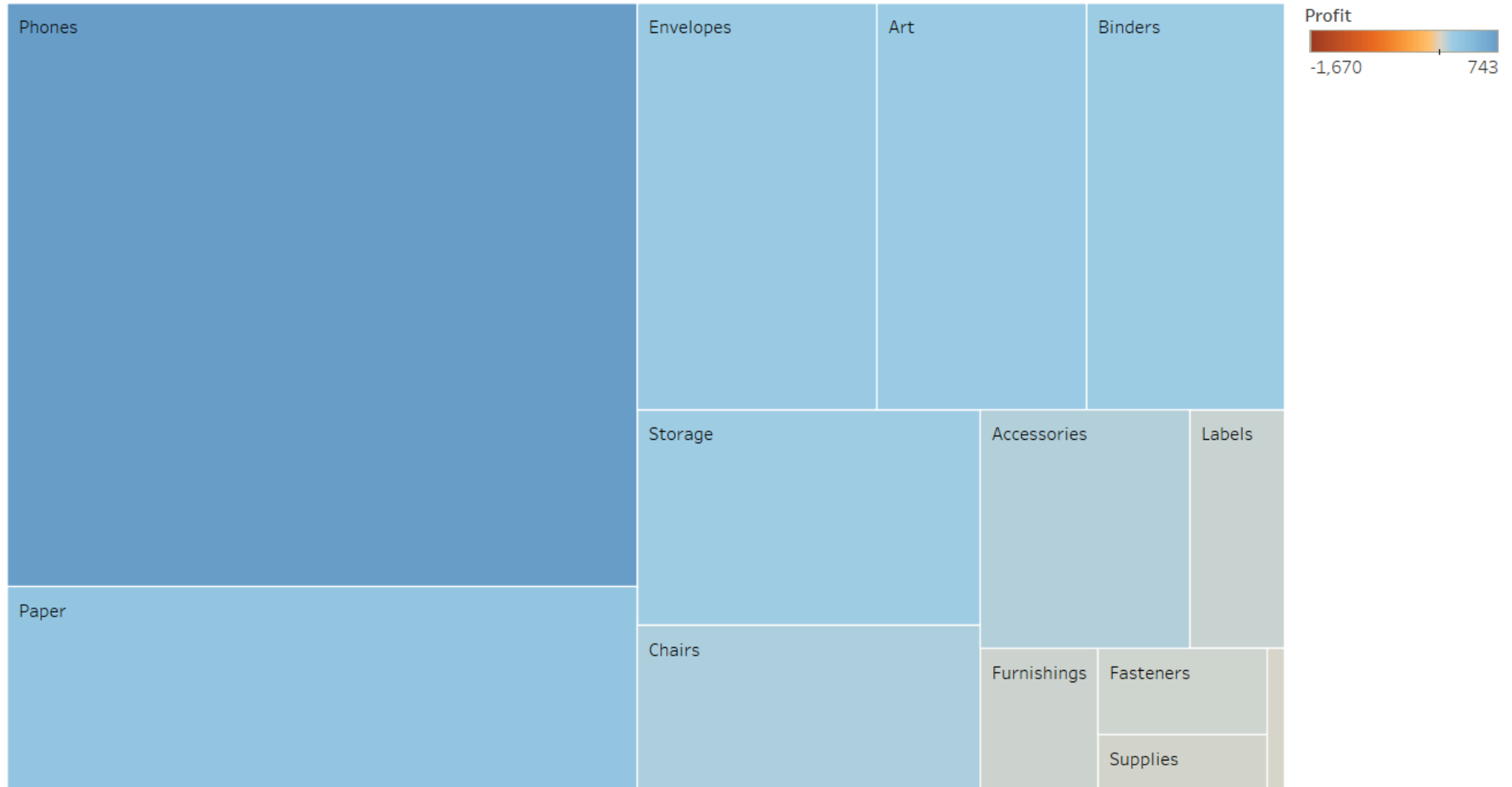

Sales

Sum of Sales. Details
are shown for State.

Sheet 7

% of Total Sales
100.00%

Region
- Central
- East
- South
- West

25.38%

35.36%

23.56%

15.70%

Region (color) and % of Total Sales (size).

Scatter Plot

Sum of Sales vs. sum of Profit. Color shows details about Category. Details are shown for Region.

Tree Map

Phones	Envelopes	Art	Binders
	Storage	Accessories	Labels
Paper	Chairs	Furnishings	Fasteners
			Supplies

Profit

-1,670   743

Sub-Category. Color shows sum of Profit. Size shows sum of Profit. The marks are labeled by Sub-Category.

Sheet 10

Sales

6 ▬▬▬▬▬▬▬ 4,595
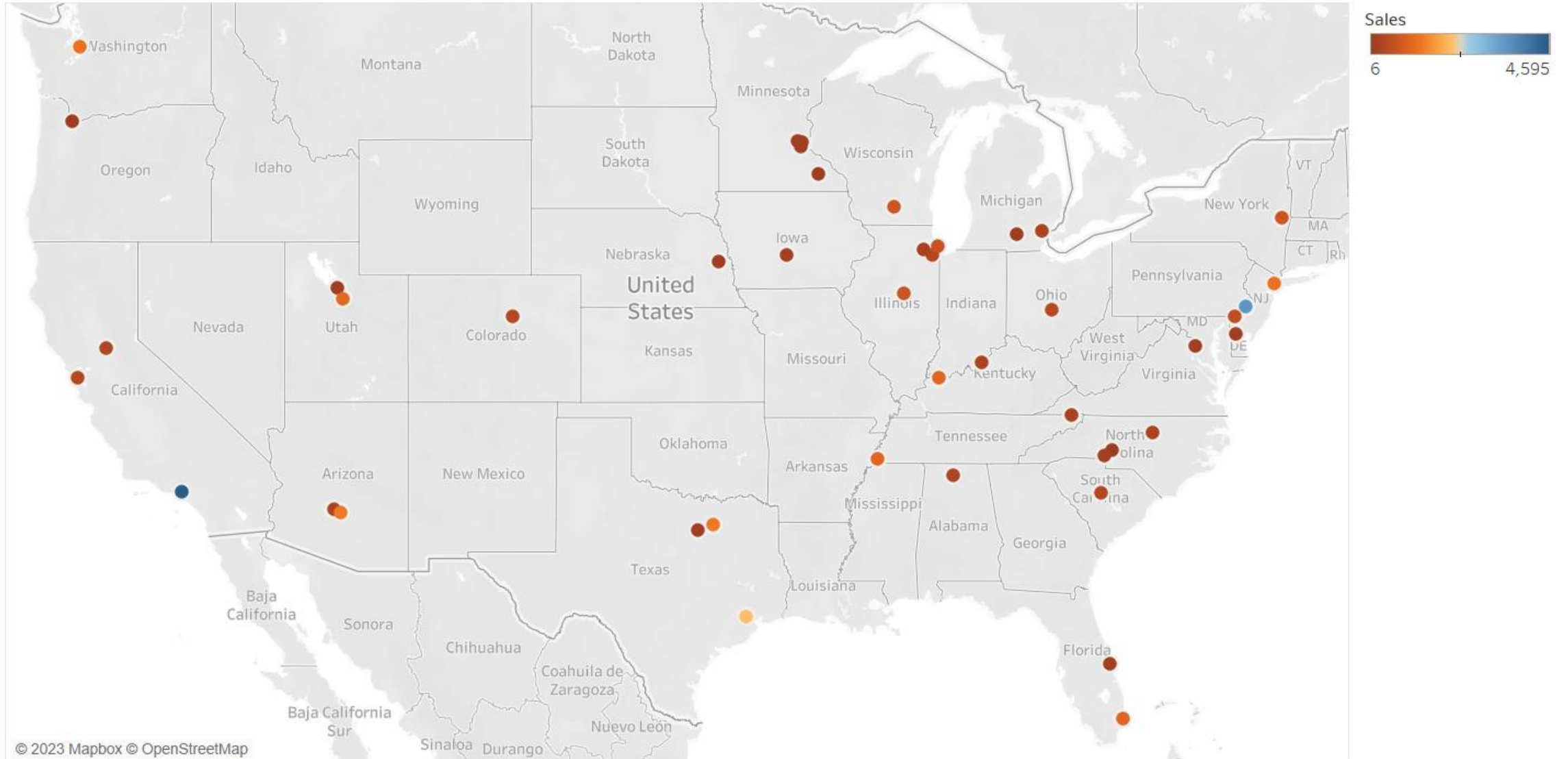
Map based on Longitude (generated) and Latitude (generated). Color shows sum of Sales. Details are shown for State and City.

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