Name: Nachiket Dandegaonkar **Course**: Data Analytics

Reg. No: 20BCE10465 **Date**: 28-05-23

ASSIGNMENT-1

Q.

1) Download tableau desktop & Mysql in your PC or laptop

2) Create a new schema in your Mysql workbench and upload your data

3) Connect your Mysql and Tableau

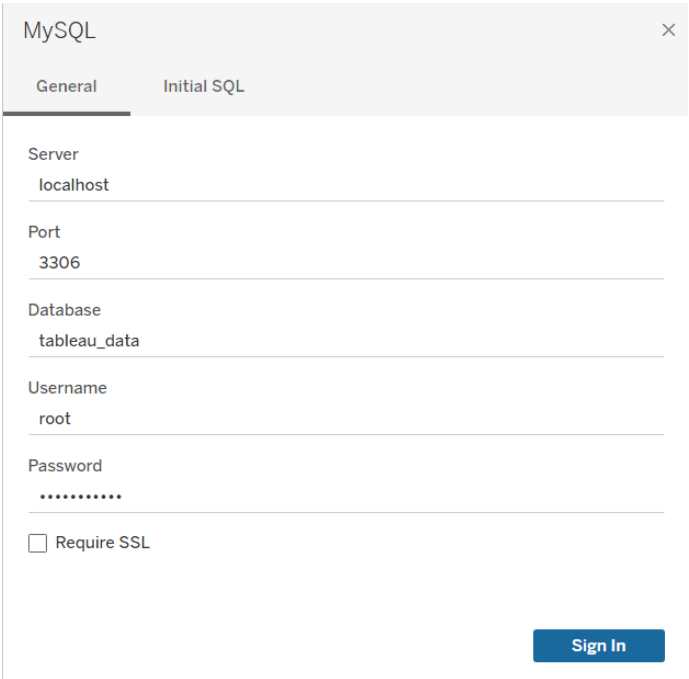
4) Create the below 5 charts/plots

- Bar chart
- Tree map
- Heatmap
- Pie chart
- Horizontal bar chart

You can use superstore dataset

A.

- Connection from MySQL to Tableau Desktop successful:



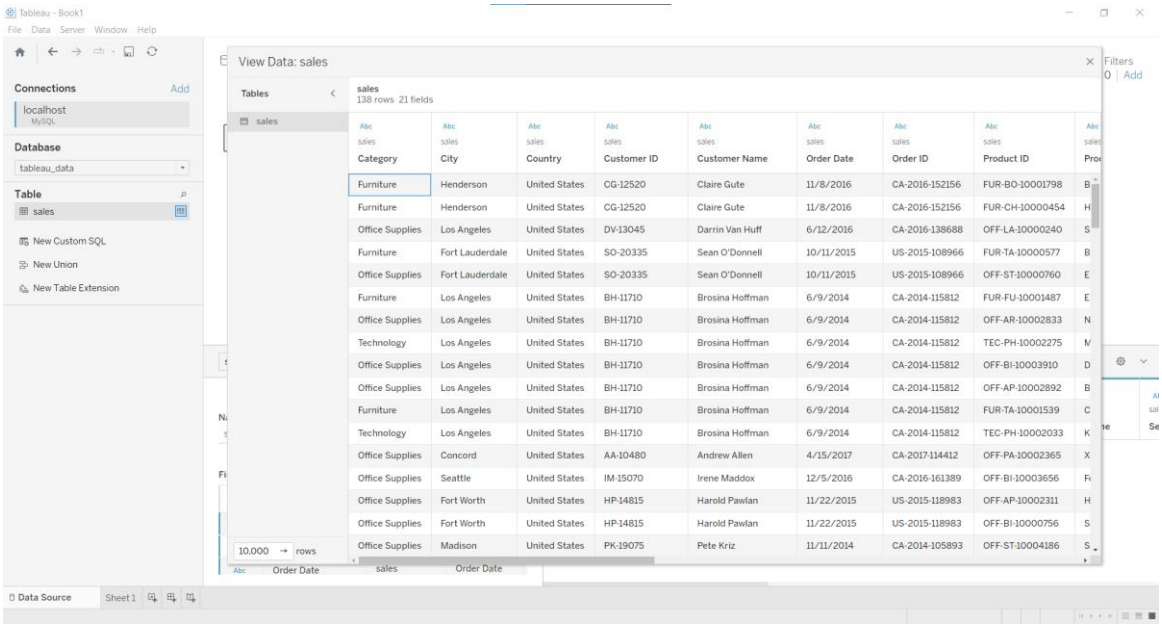
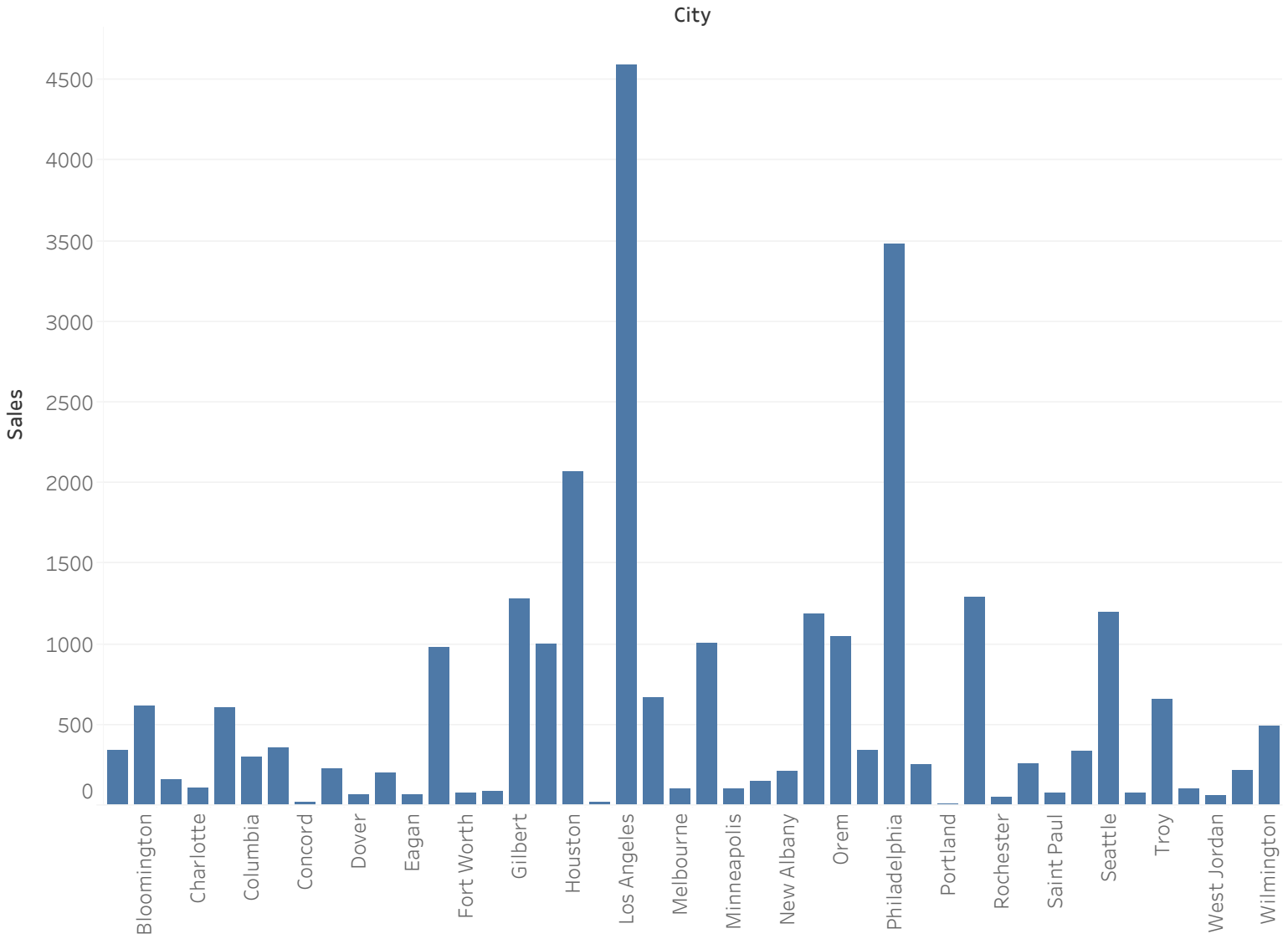


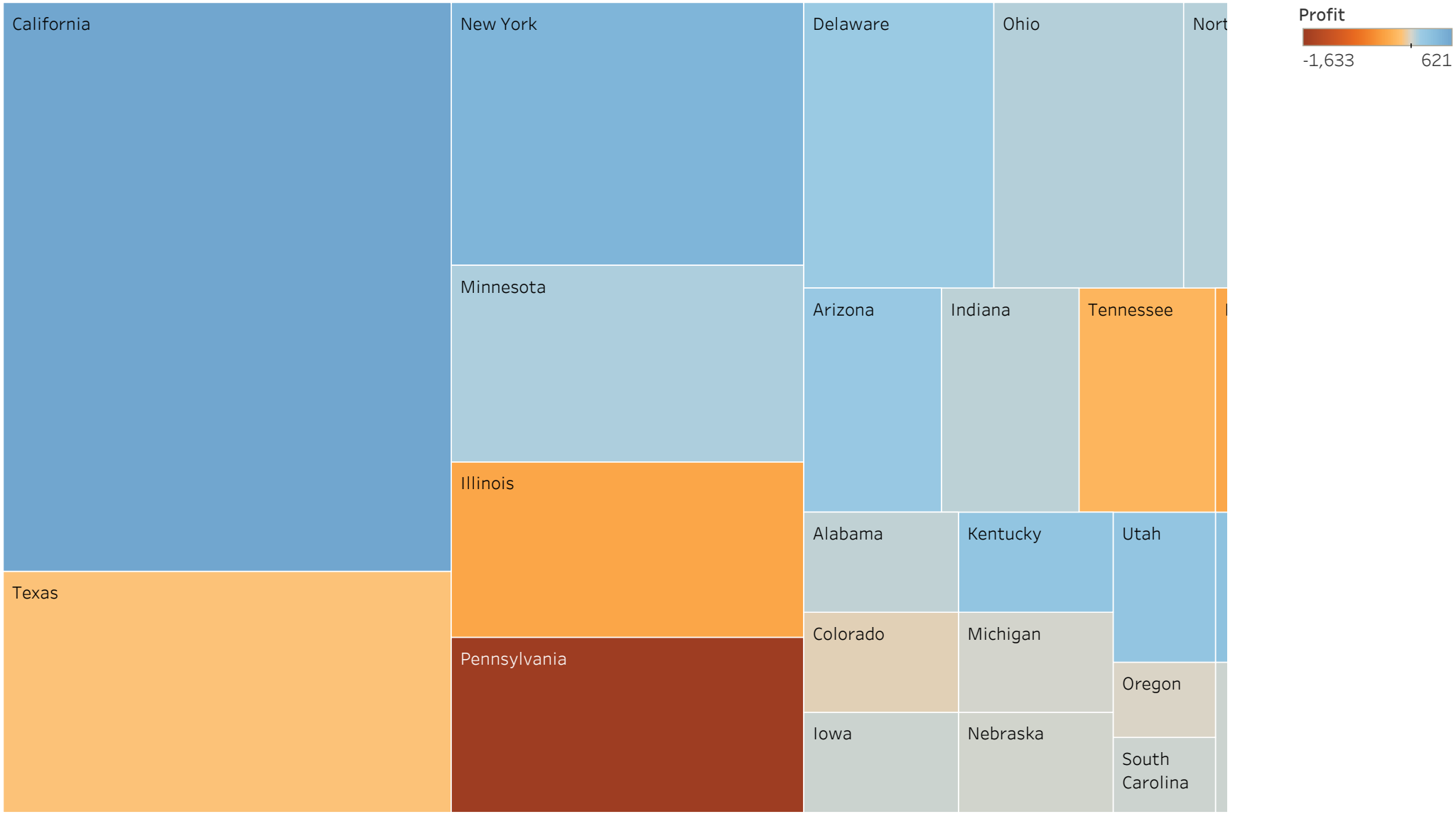
Tableau - Book1
File Data Server Window Help
Connections
Add
localhost
MySQL
Database
tableau_data
Table
sales
New Custom SQL
New Union
New Table Extension
View Data: sales
Tables
sales
sales
138 rows 21 fields
Category
City
Country
Customer ID
Customer Name
Order Date
Order ID
Product ID
Furniture Henderson United States CG-12520 Claire Gute 11/8/2016 CA-2016-152156 FUR-BO-10001798
Furniture Henderson United States CG-12520 Claire Gute 11/8/2016 CA-2016-152156 FUR-CH-10000454
Office Supplies Los Angeles United States DV-13045 Darrin Van Huff 6/12/2016 CA-2016-138688 OFF-LA-10000240
Furniture Fort Lauderdale United States SO-20335 Sean O'Donnell 10/11/2015 US-2015-108966 FUR-TA-10000577
Office Supplies Fort Lauderdale United States SO-20335 Sean O'Donnell 10/11/2015 US-2015-108966 OFF-ST-10000760
Furniture Los Angeles United States BH-11710 Brosina Hoffman 6/9/2014 CA-2014-115812 FUR-FU-10001487
Office Supplies Los Angeles United States BH-11710 Brosina Hoffman 6/9/2014 CA-2014-115812 OFF-AR-10002833
Technology Los Angeles United States BH-11710 Brosina Hoffman 6/9/2014 CA-2014-115812 TEC-PH-10002275
Office Supplies Los Angeles United States BH-11710 Brosina Hoffman 6/9/2014 CA-2014-115812 OFF-BI-10003910
Office Supplies Los Angeles United States BH-11710 Brosina Hoffman 6/9/2014 CA-2014-115812 OFF-AP-10002892
Furniture Los Angeles United States BH-11710 Brosina Hoffman 6/9/2014 CA-2014-115812 FUR-TA-10001539
Technology Los Angeles United States BH-11710 Brosina Hoffman 6/9/2014 CA-2014-115812 TEC-PH-10002033
Office Supplies Concord United States AA-10480 Andrew Allen 4/15/2017 CA-2017-114412 OFF-PA-10002365
Office Supplies Seattle United States IM-15070 Irene Maddox 12/5/2016 CA-2016-161389 OFF-BI-10003656
Office Supplies Fort Worth United States HP-14815 Harold Pawlan 11/22/2015 US-2015-118983 OFF-AP-10002311
Office Supplies Fort Worth United States HP-14815 Harold Pawlan 11/22/2015 US-2015-118983 OFF-BI-10000756
Office Supplies Madison United States PK-19075 Pete Kriz 11/11/2014 CA-2014-105893 OFF-ST-10004186
10,000 rows
Order Date
sales
Order Date
Filters
0 Add
Data Source
Sheet 1

Bar Chart



Sum of Sales for each City.

Tree Map



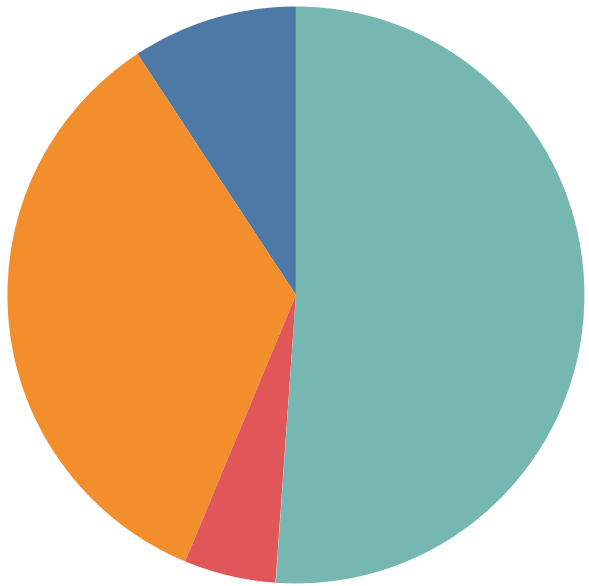
State. Color shows sum of Profit. Size shows count of sales. The marks are labeled by State.

Tree Map

Profit
-1,633 621

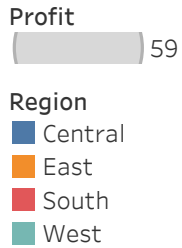
State. Color shows sum of Profit. Size shows count of sales. The marks are labeled by State.

Pie Chart



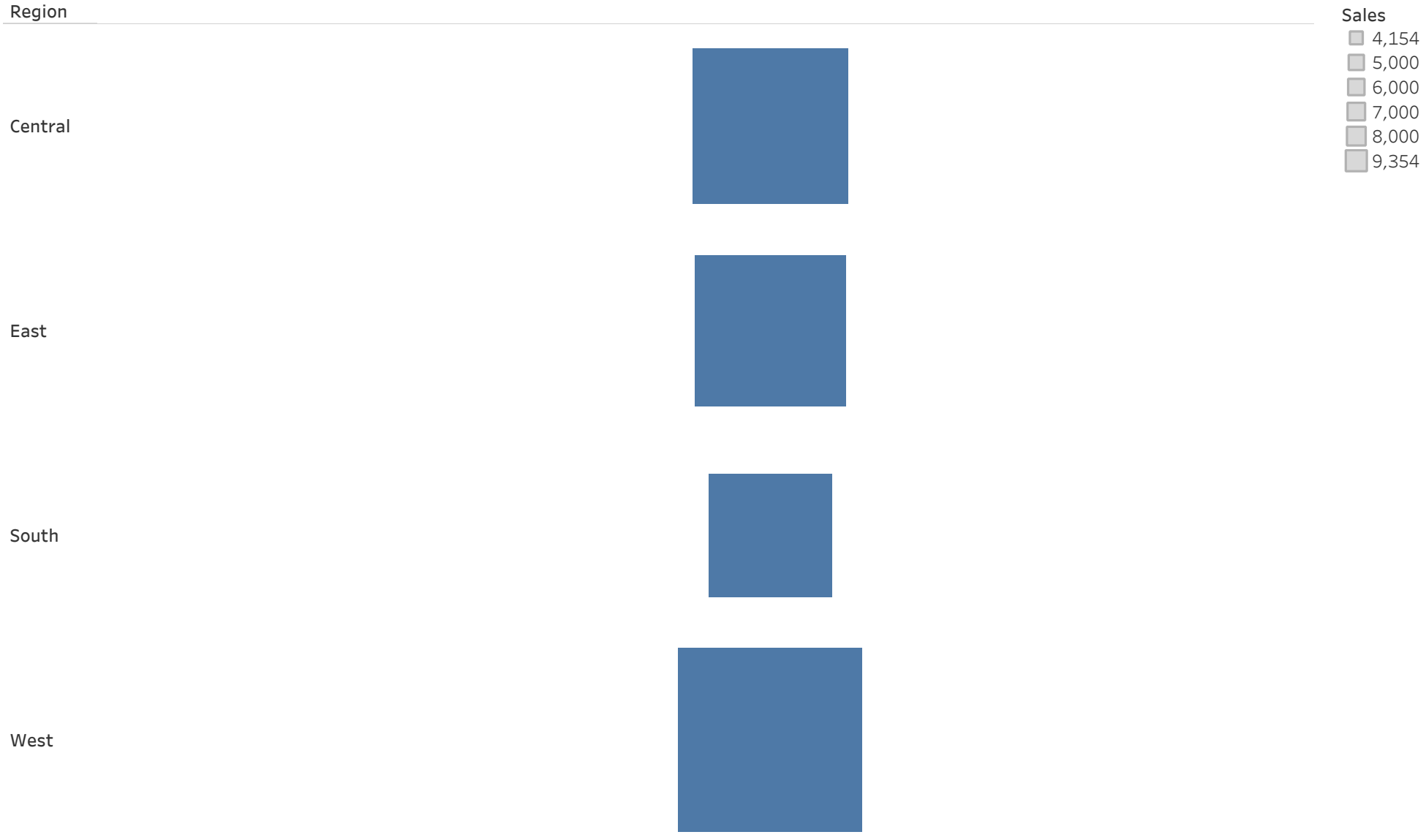
Region (color) and sum of Profit (size).

Pie Chart



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

Heat Map



Sum of Sales (size) broken down by Region.

Heat Map

Region

Central

East

South

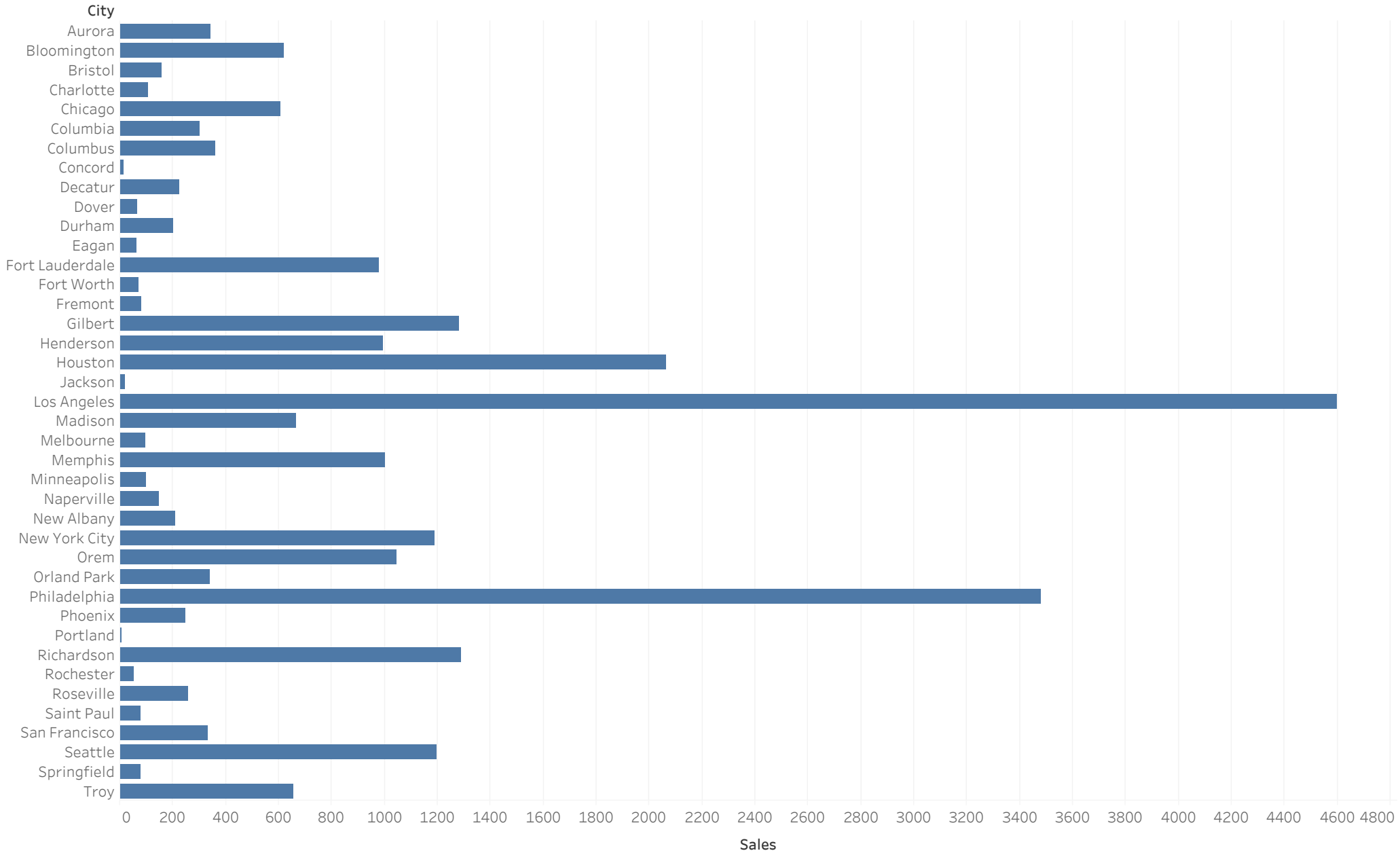
West

Sales

- 4,154
- 5,000
- 6,000
- 7,000
- 8,000
- 9,354

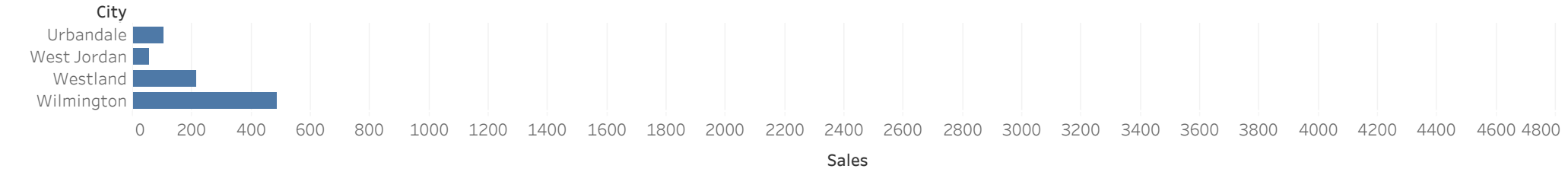
Sum of Sales (size) broken down by Region.

Horizontal Bar Chart



Sum of Sales for each City.

Horizontal Bar Chart



Sum of Sales for each City.