

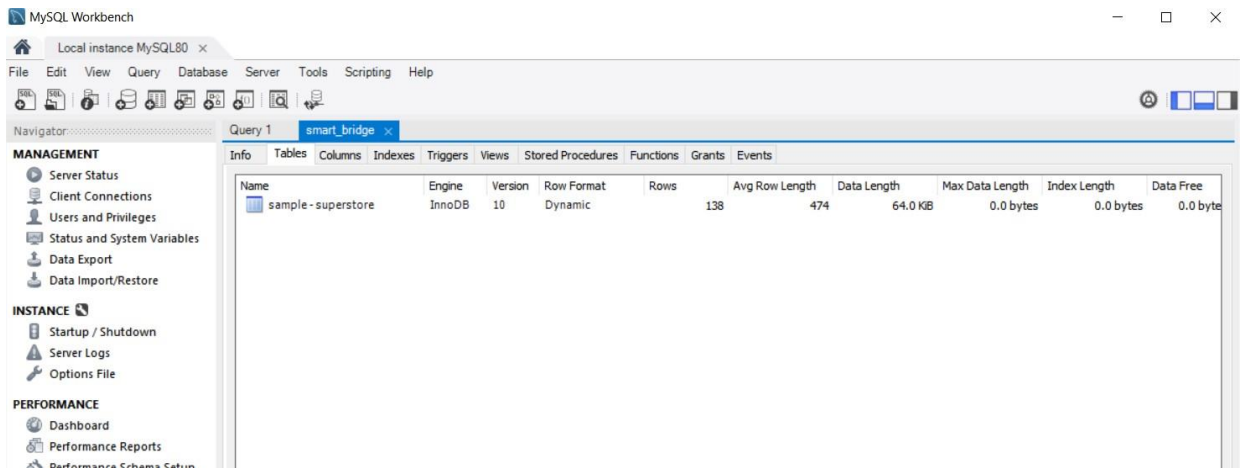
# Assignment - 1

By Ananya Agrawal  
Roll No: 20BCE10619  
VIT Bhopal Campus

## 1) Tableau and sql installation



## 2) Sql Data upload



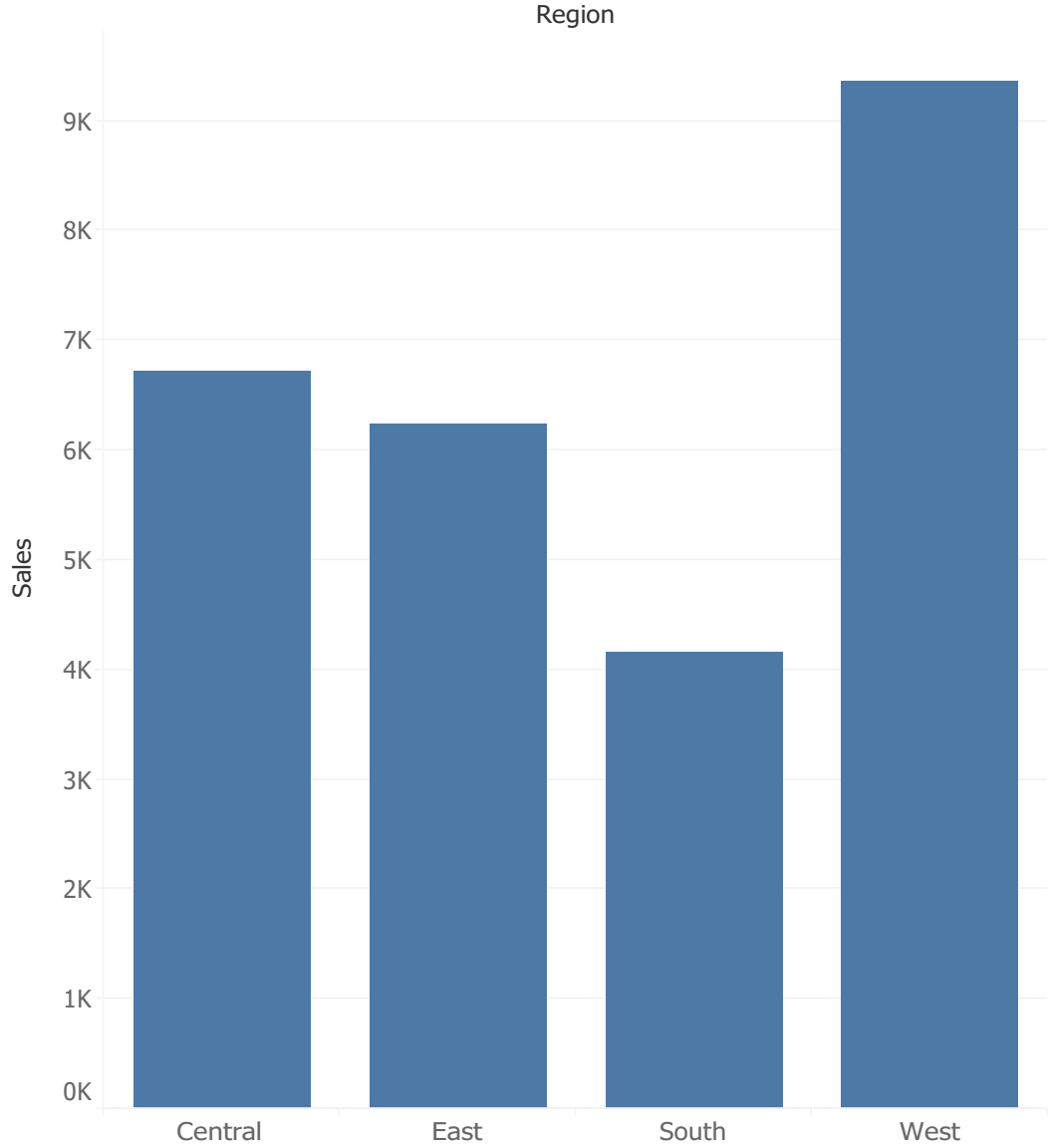
### 3) Connect tableau and Sql

The screenshot shows the Tableau interface for 'Tableau - Assignment\_1'. The menu bar includes File, Data, Server, Window, and Help. The left sidebar contains three sections: 'Connections' with a list of 'localhost MySQL' and an 'Add' button; 'Database' with a dropdown menu set to 'smart\_bridge'; and 'Table' with a list of 'sample - superstore', 'New Custom SQL', 'New Union', and 'New Table Extension'. The main workspace displays 'sample - superstore (smart\_bridge)' at the top. Below this, there is a button labeled 'sample - superstore'. Further down, a dropdown menu is set to 'sample - superstore'. Below the dropdown, there is a section titled 'Name' with a text input field containing 'sample - superstore'. At the bottom, there is a section titled 'Fields' containing a table with the following data:

Type	Field Name	Physical Table	Remot...
#	Row ID	sample - superstore	Row ID
Abc	Order ID	sample - superstore	Order ID
Abc	Order Date	sample - superstore	Order D...

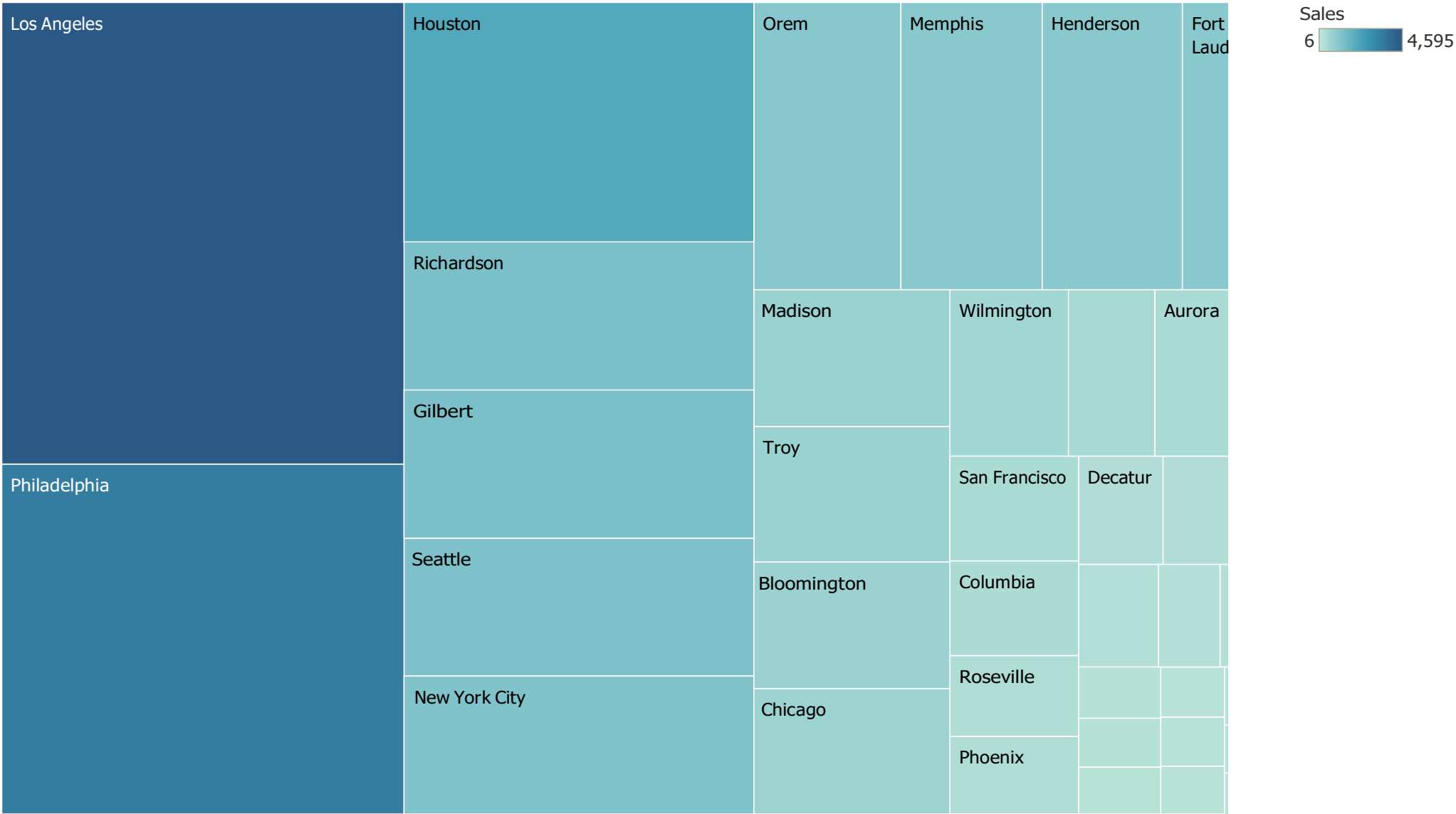
### 4) Creating 5 plots based on data:

Bar Chart



Sum of Sales for each Region.

Treemap



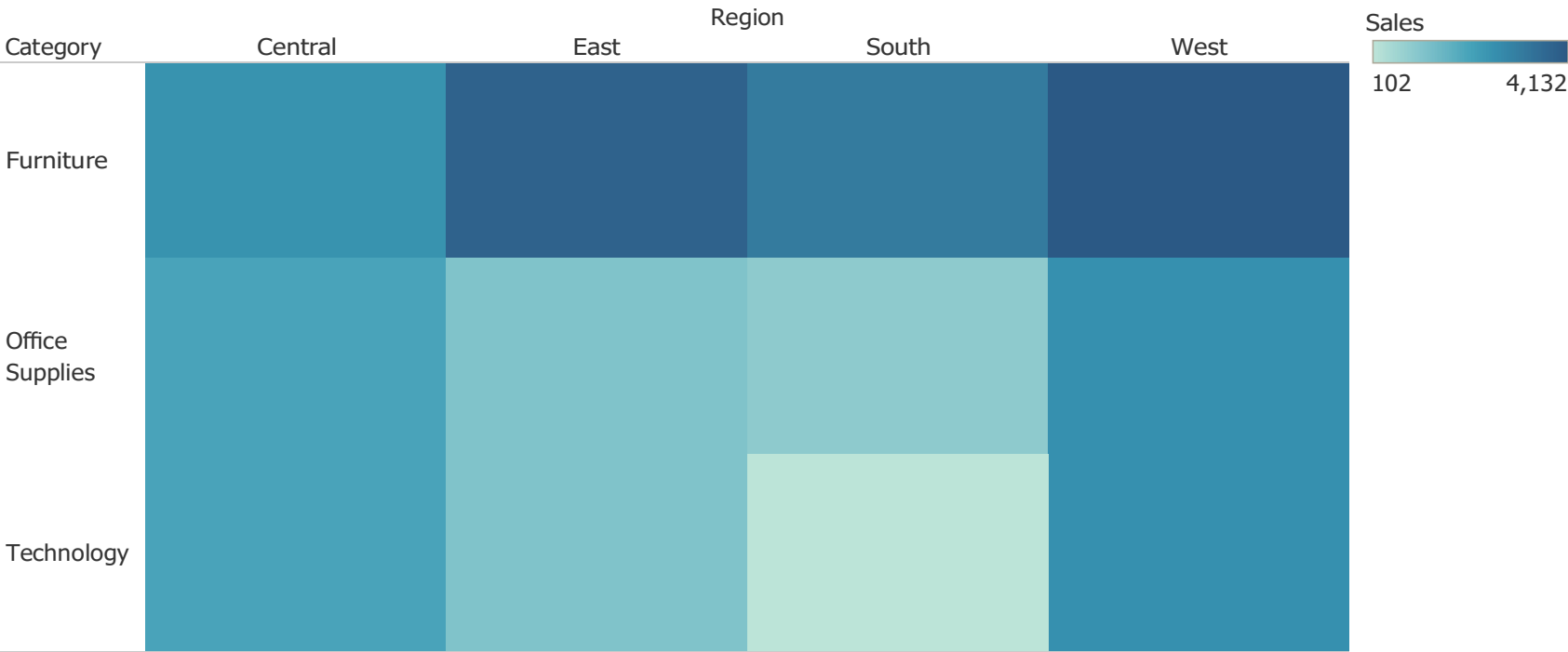
City. Color shows sum of Sales. Size shows sum of Sales. The marks are labeled by City.

# Treemap



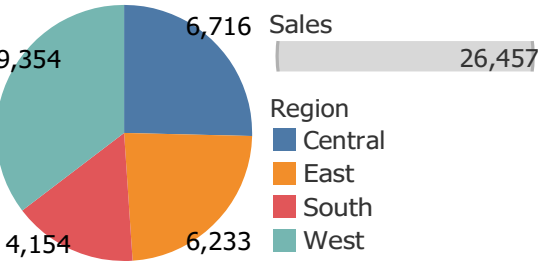
City. Color shows sum of Sales. Size shows sum of Sales. The marks are labeled by City.

Heat Map



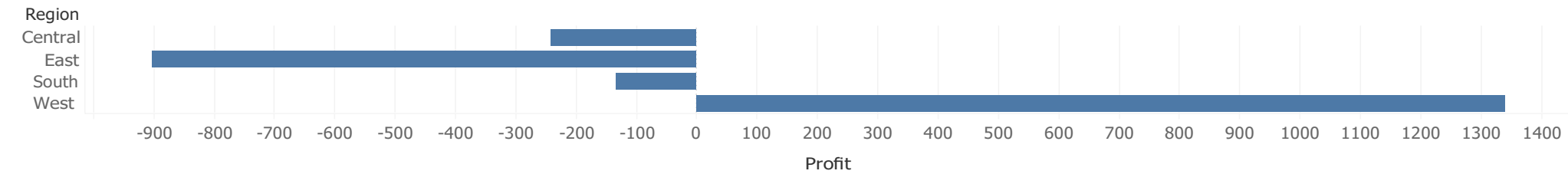
Sum of Sales (color) broken down by Region vs. Category.

Pie Chart



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

# Horizontal Bar chart



Sum of Profit for each Region.