

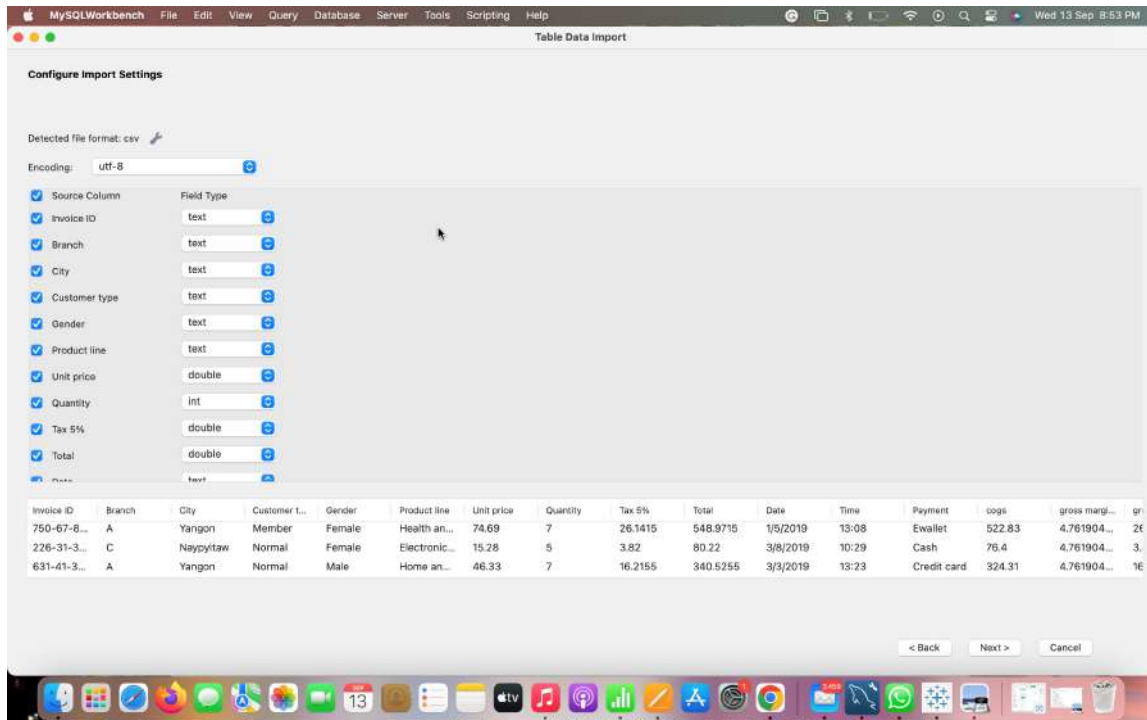
NAME: K.LAKSHMI TULASI

REGNO:21BCE8033

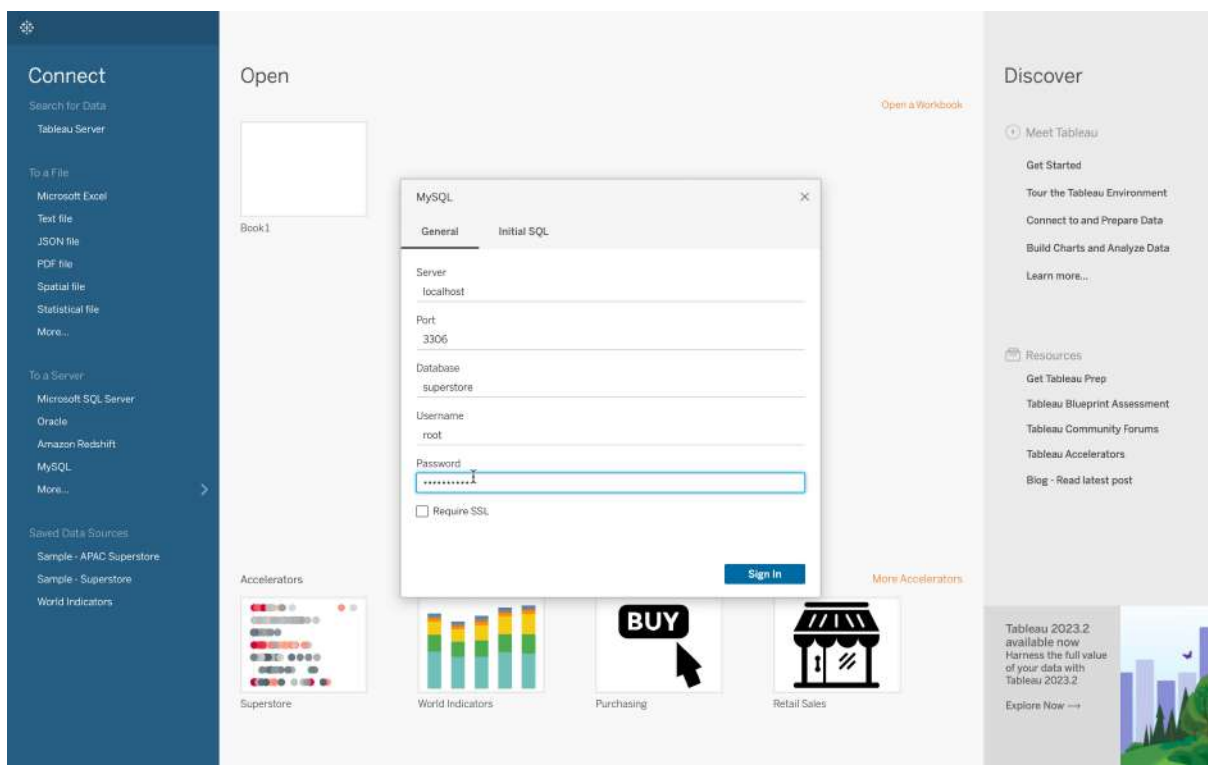
ASSIGNMENT-3

DATA ANALYTICS WITH IBM COGNOS

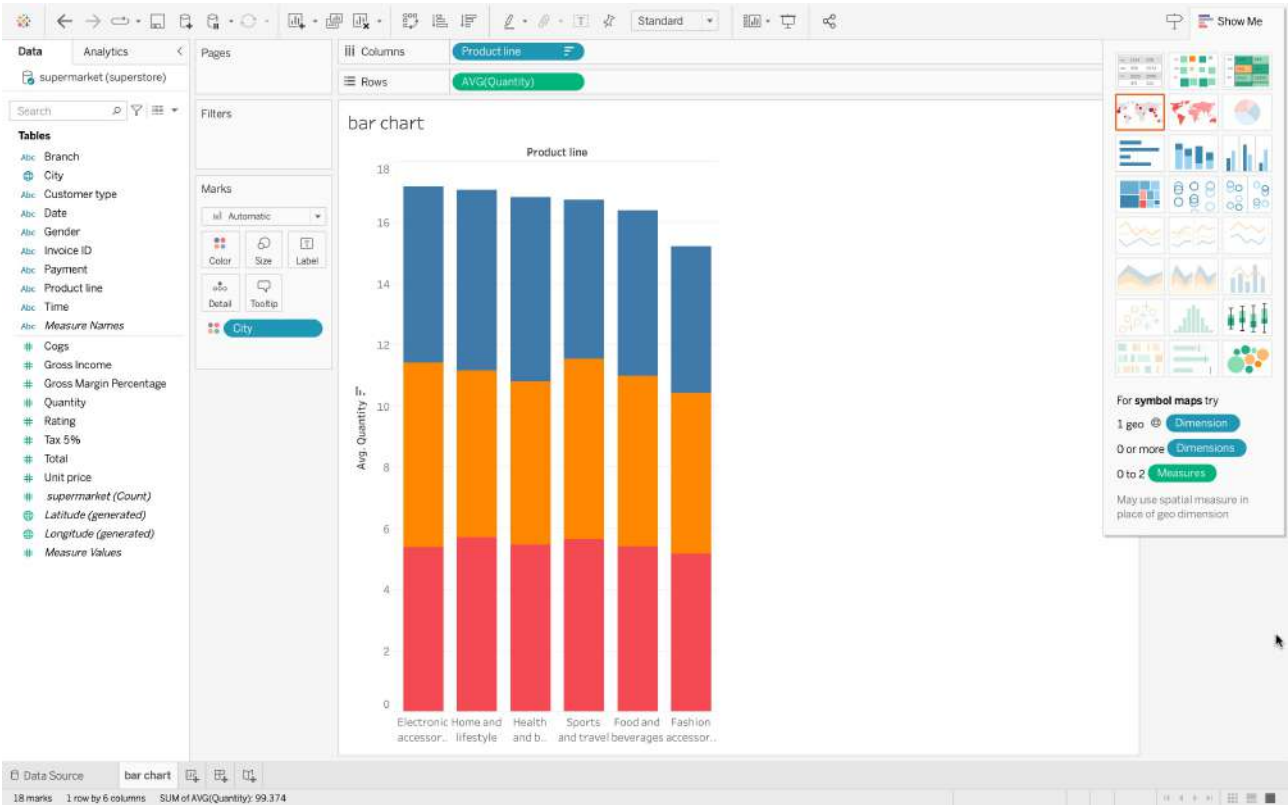
UPLOAD THE DATASET TO MYSQL:



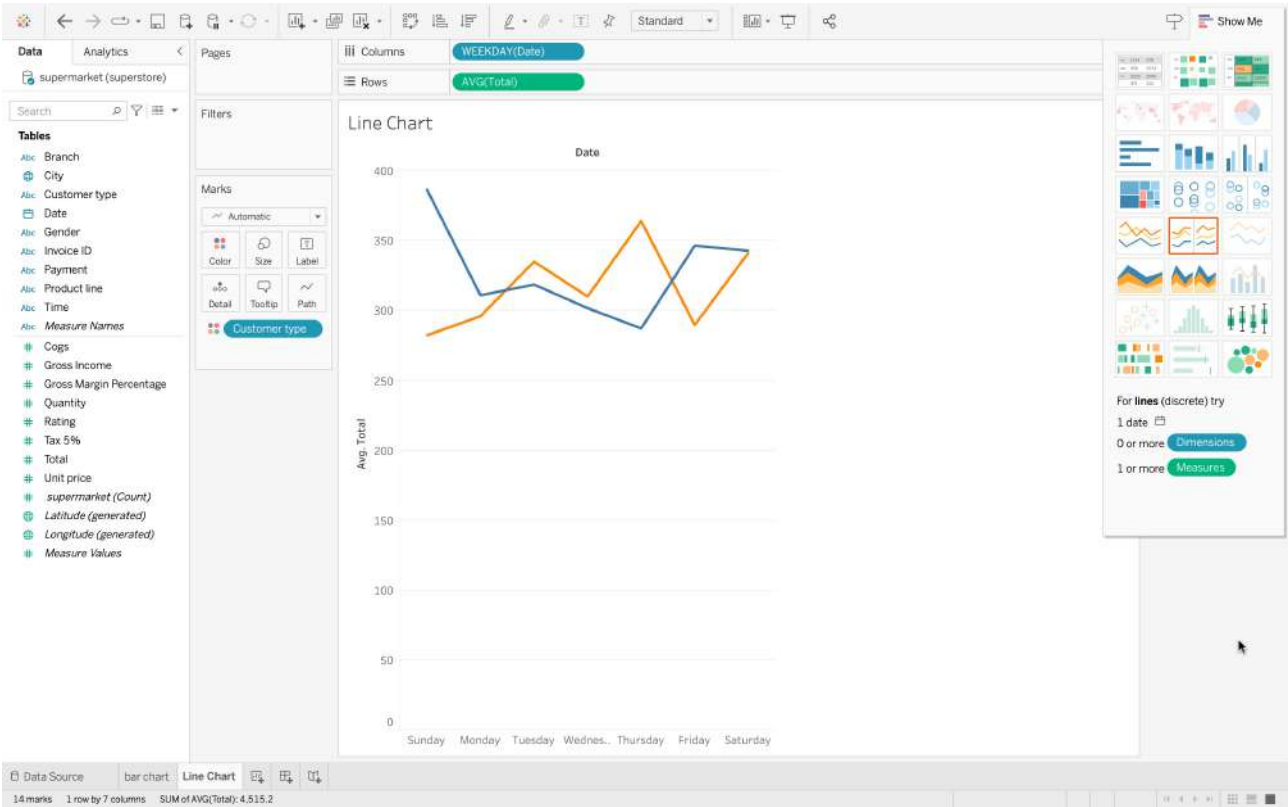
INTEGRATE TABLEAU:



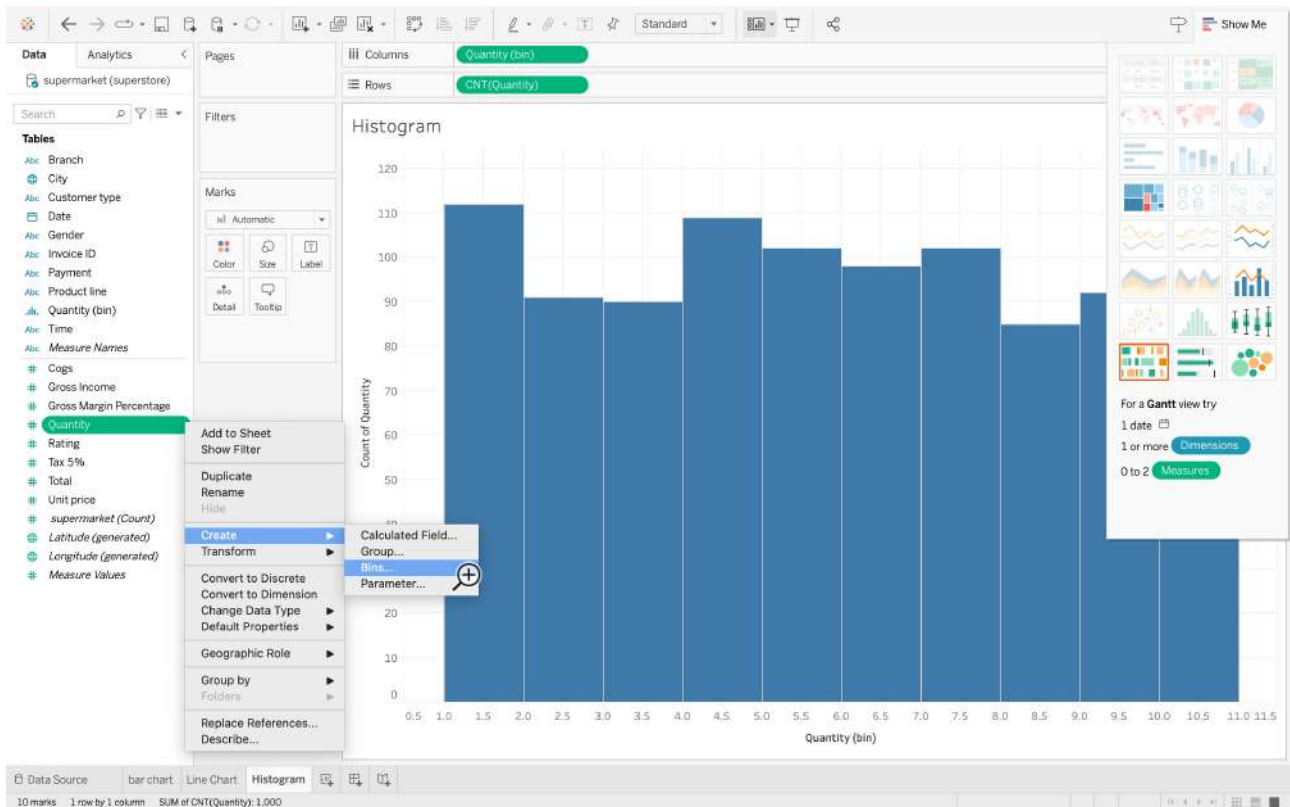
VISUALIZE THE DATASET USING TABLEAU: BAR CHART:



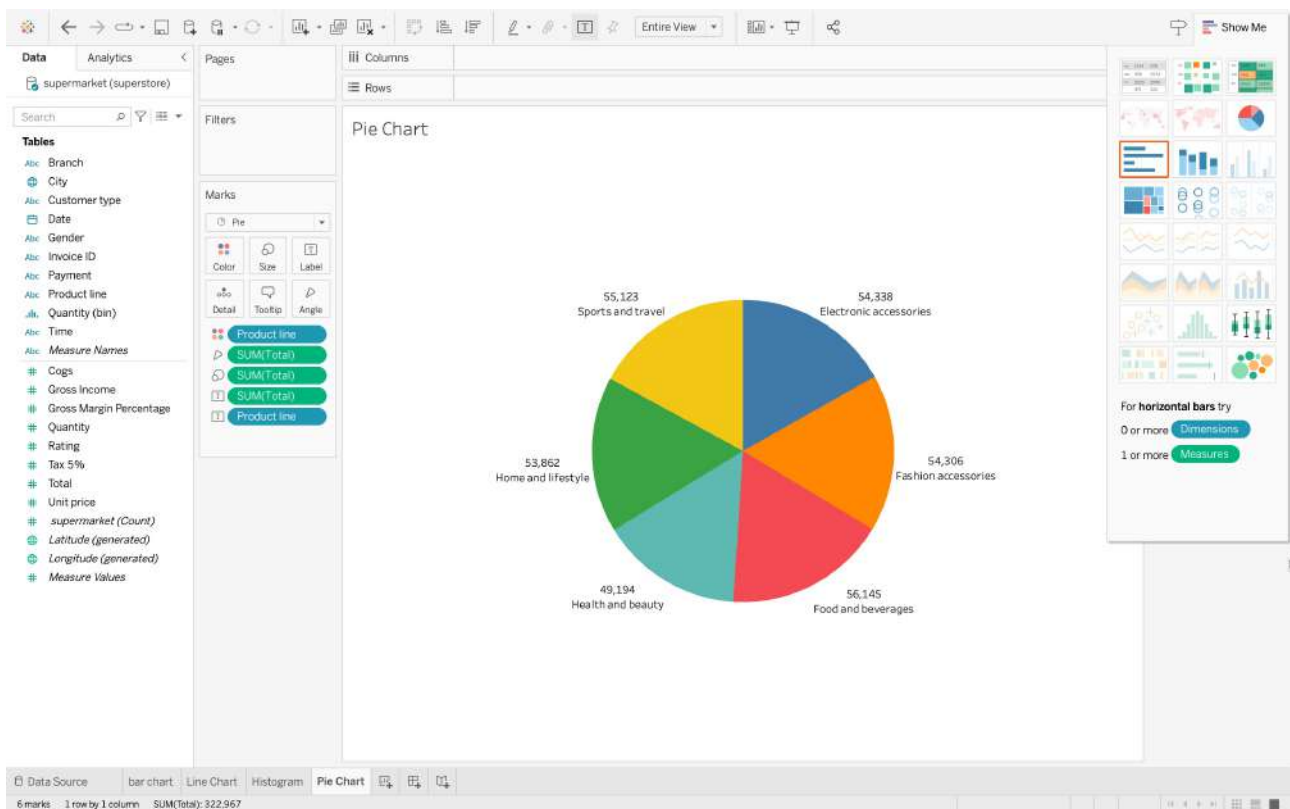
LINE CHART:



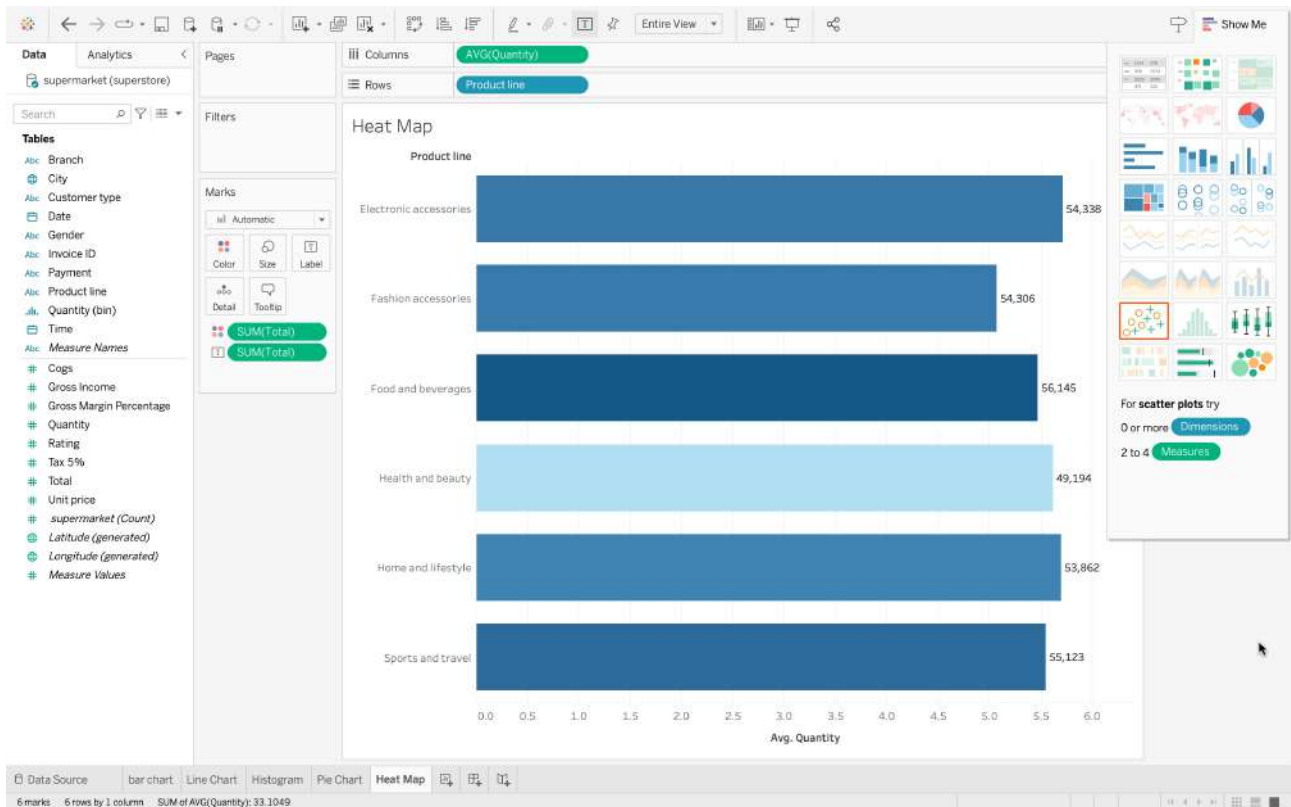
HISTOGRAM:



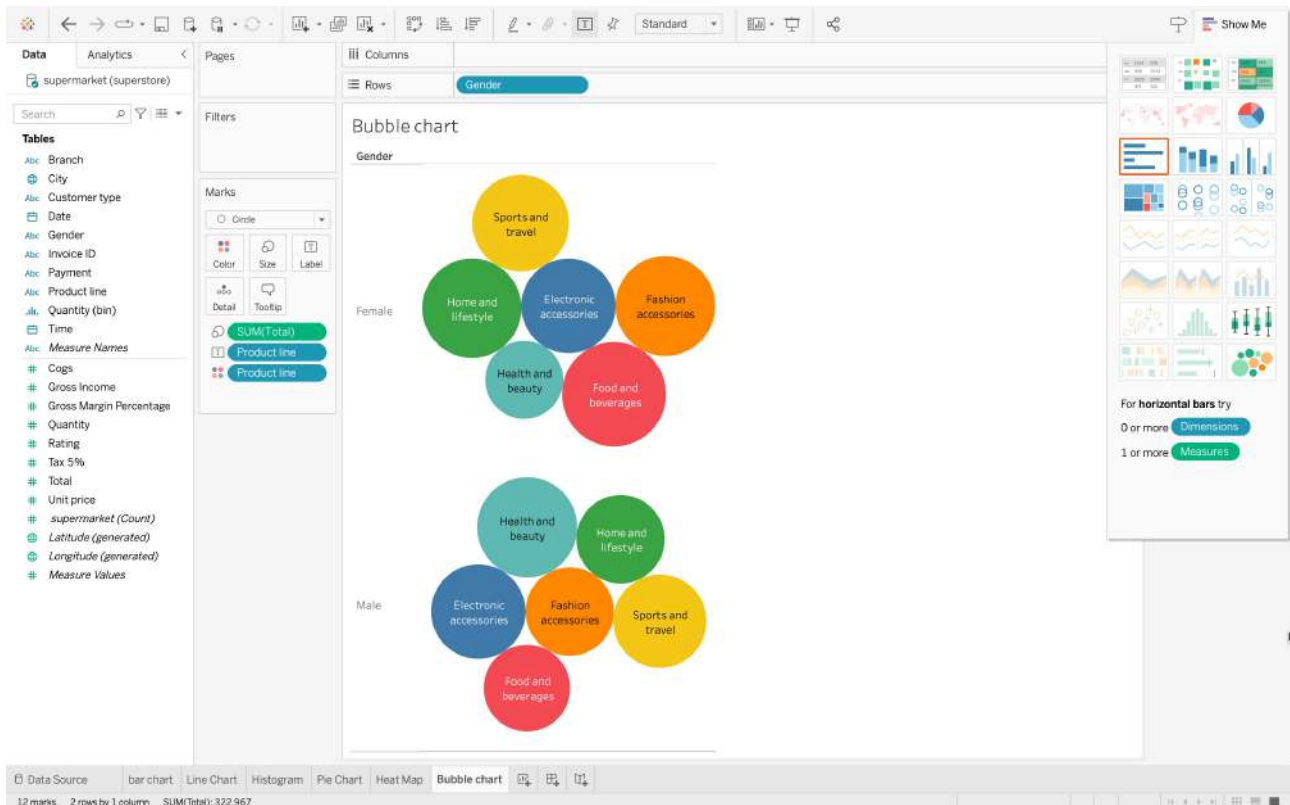
PIE CHART:



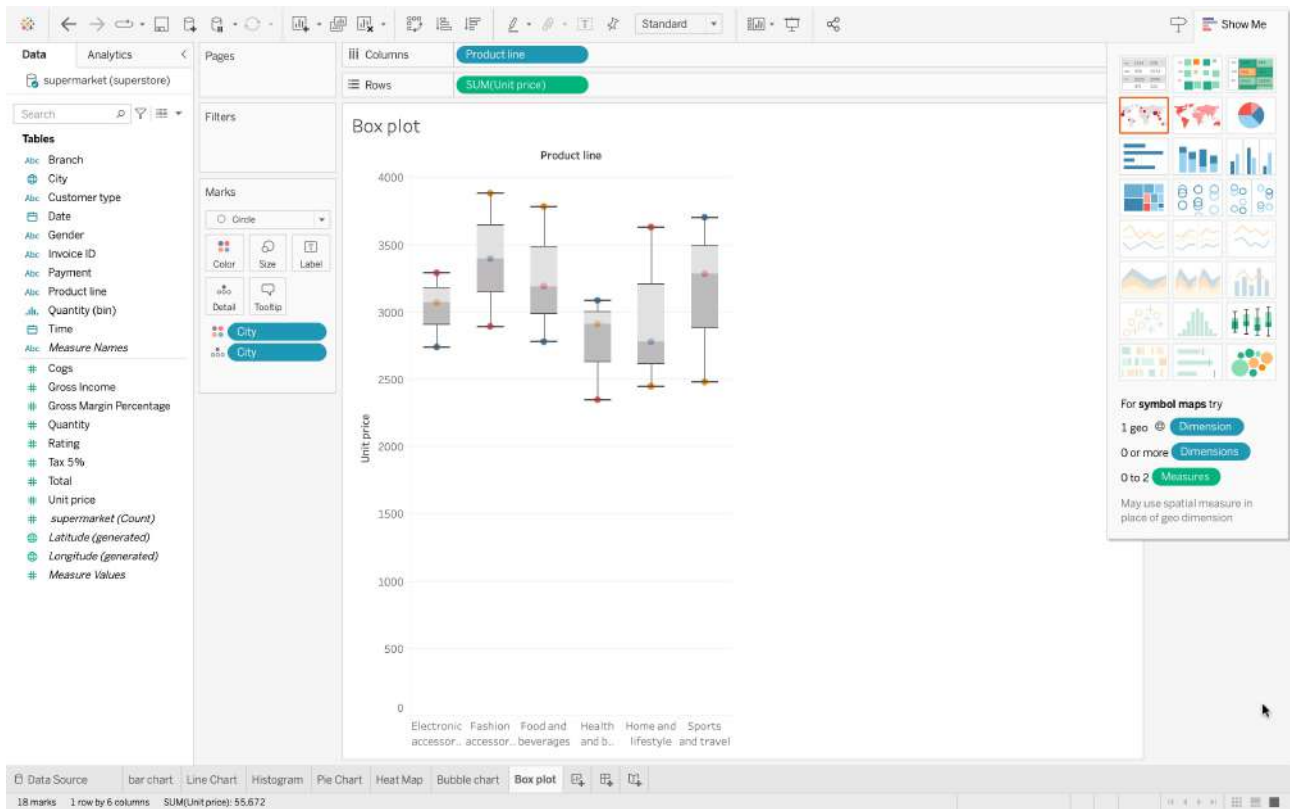
HEAT MAP:



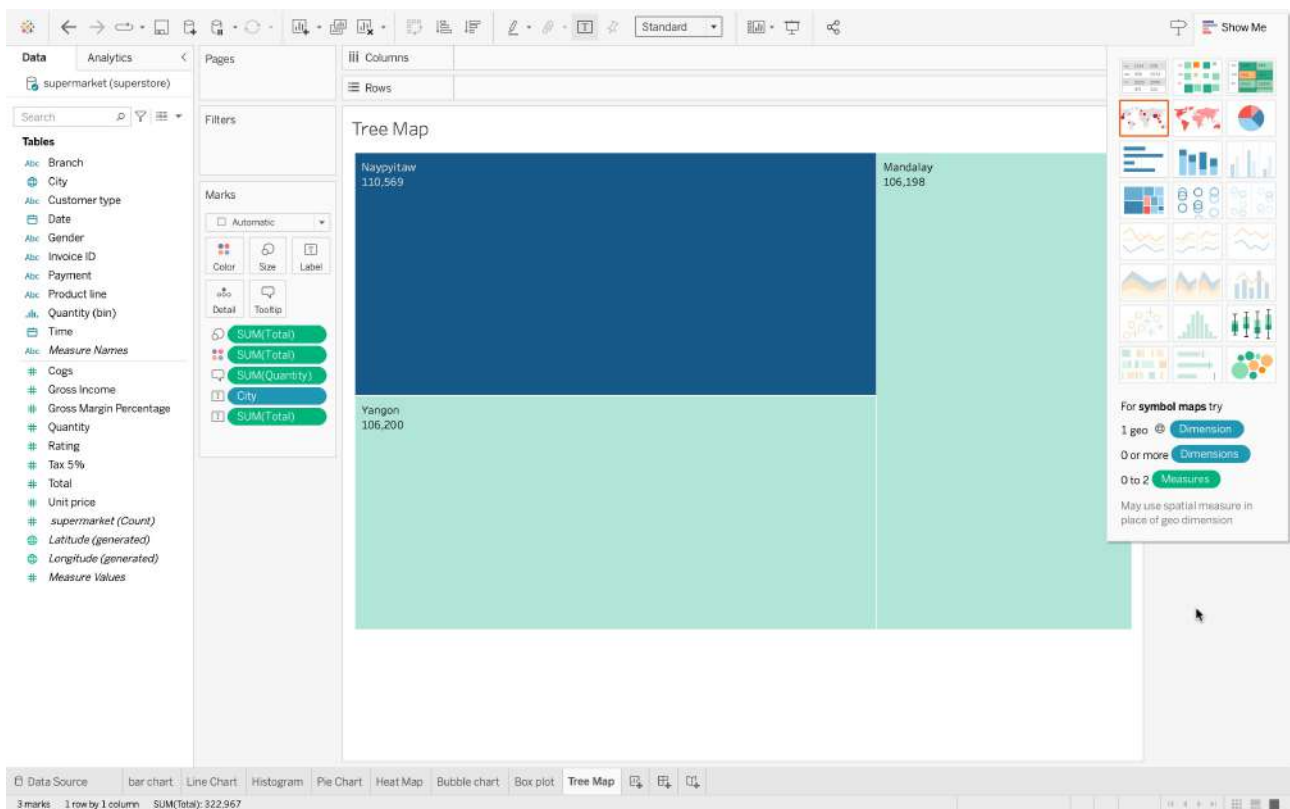
BUBBLE CHART:



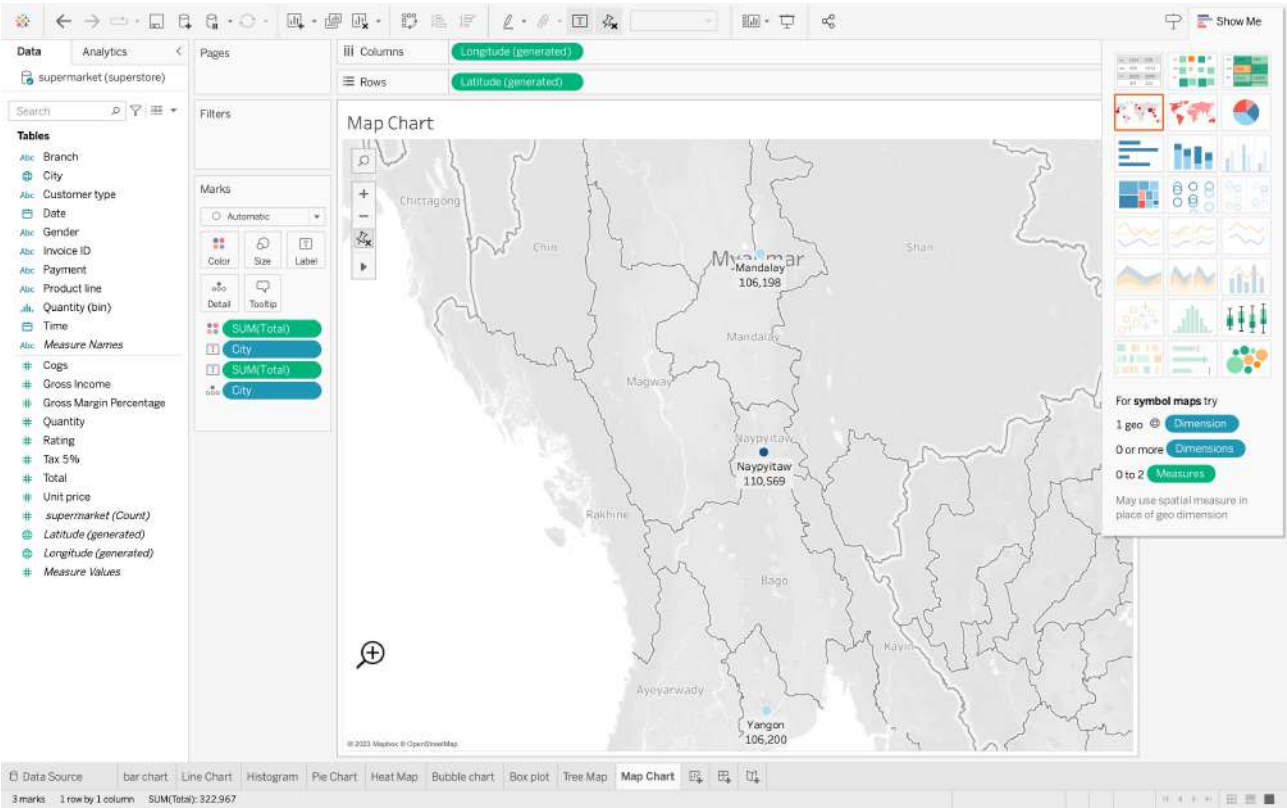
BOX PLOT:



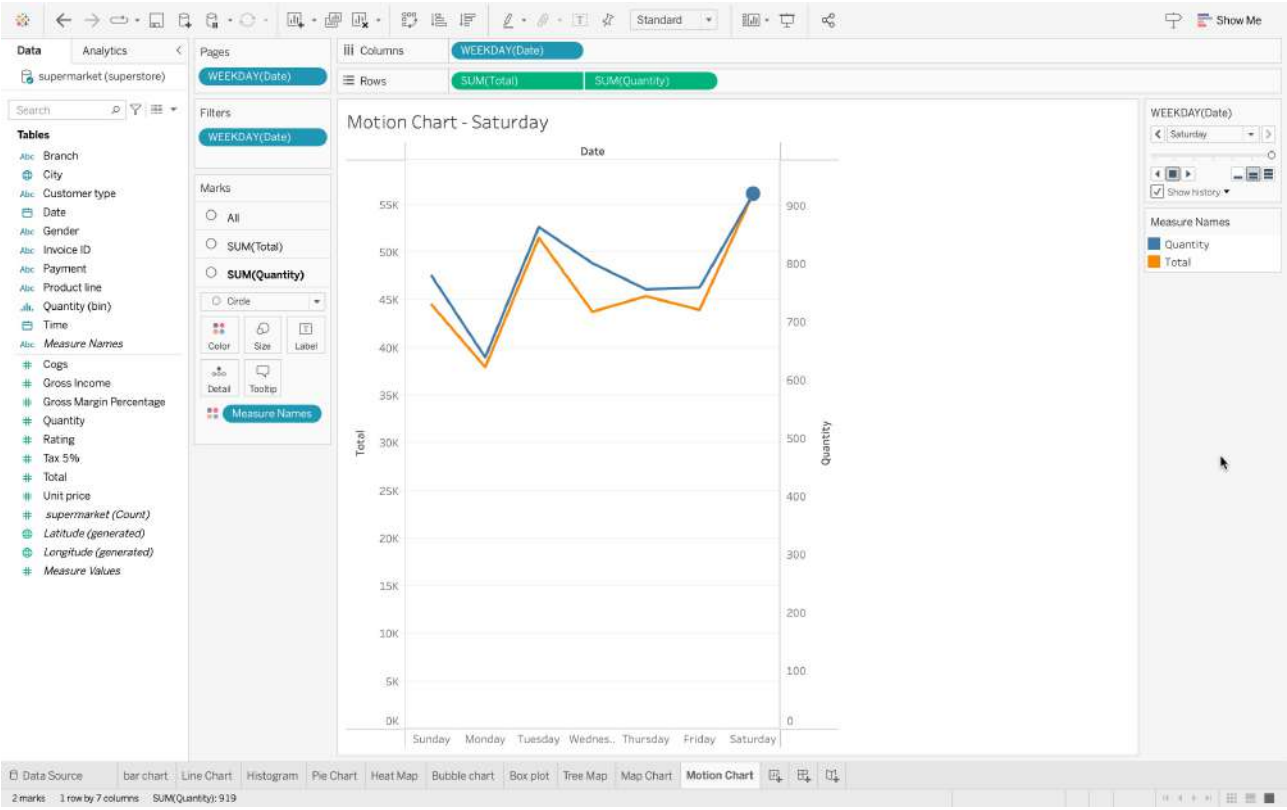
TREE MAP:



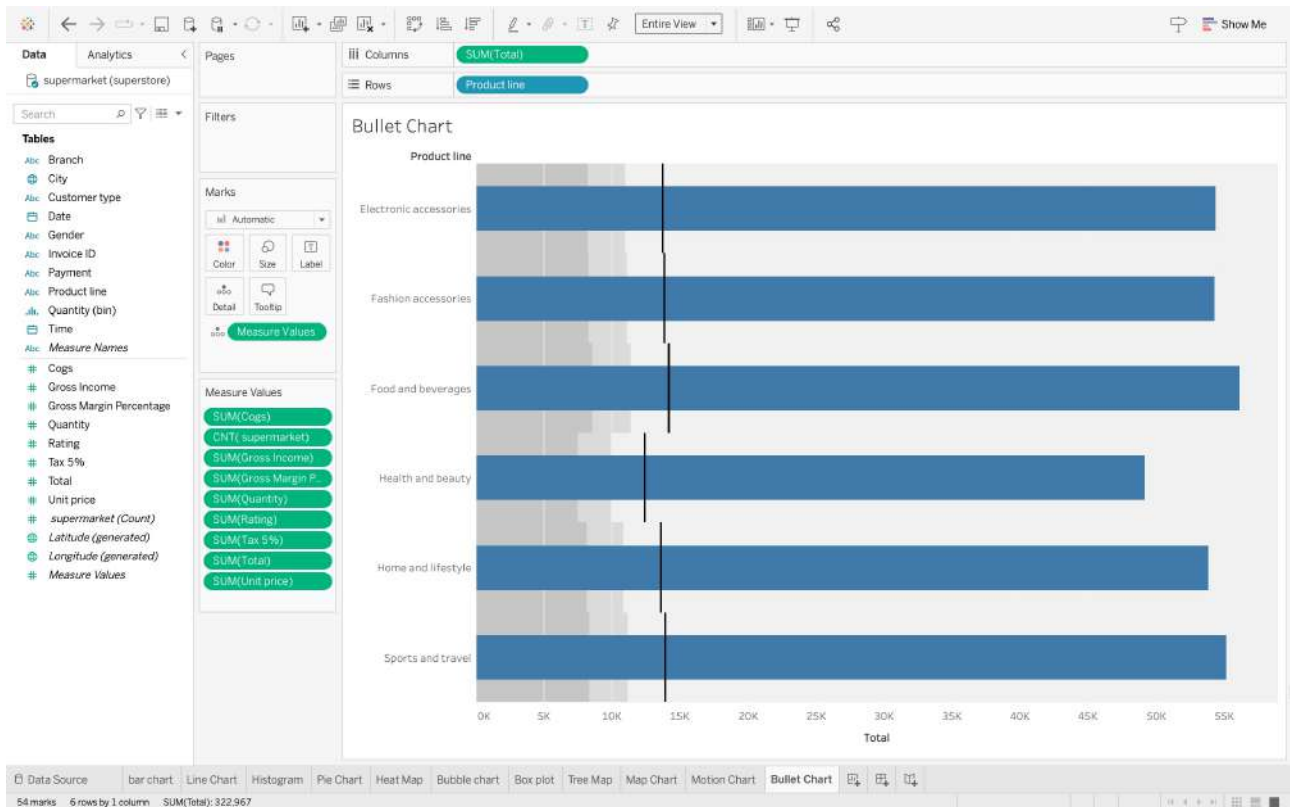
MAP CHART:



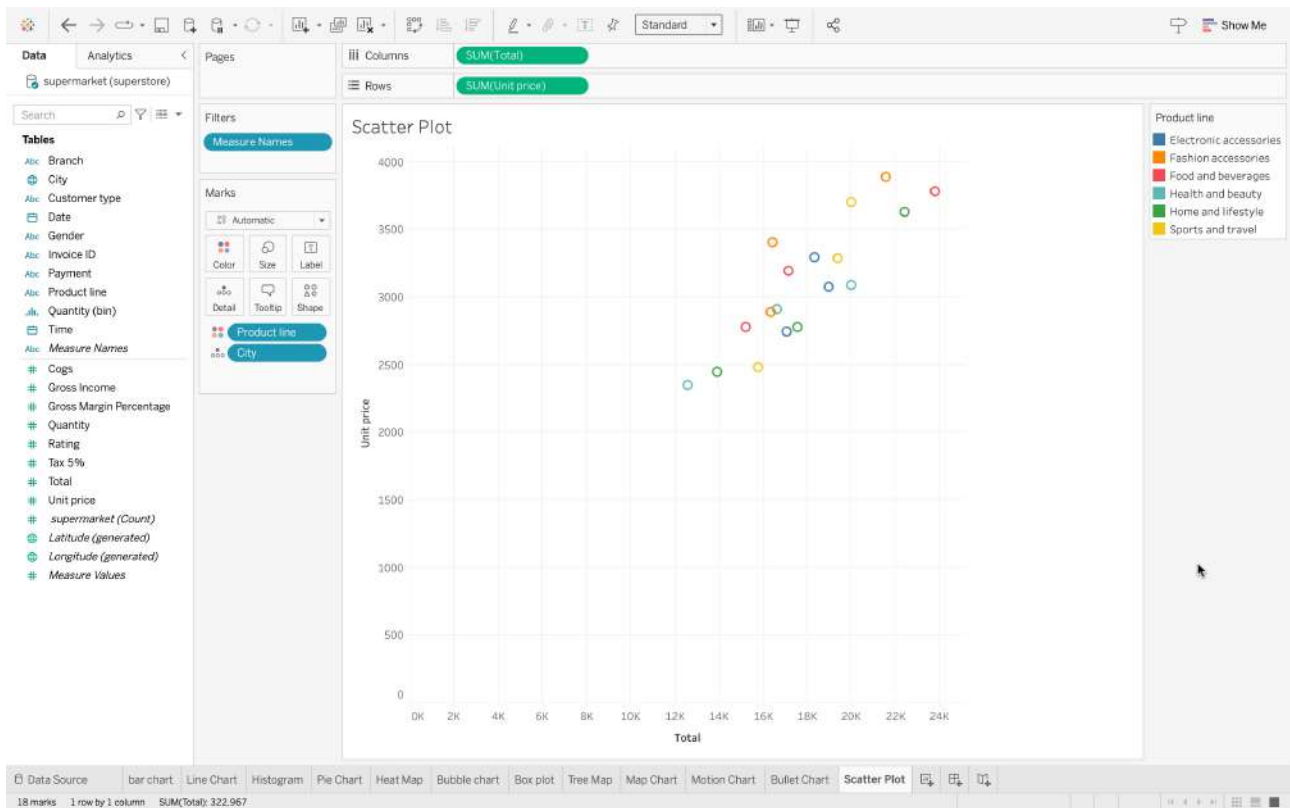
MOTION CHART:



BULLET CHART:



SCATTER PLOT:



REMOVING UNNECESSARY COLUMNS:

Query 1 | supermarket - Schema

Limit to 1000 rows

```
1 use supermarket;
2 • select * from supermarketdata;
3 • select `Invoice ID`,`Product line` from supermarketdata;
4 • alter table supermarketdata add revenue double;
5 • update supermarket set revenue = (Rating-cogs);
```

Result Grid | Filter Rows: | Exports: | Wrap Cell Contents: | Fetch rows: |

Invoice ID	Product line
750-67-8428	Health and beauty
226-31-3081	Electronic accessories
631-41-3108	Home and lifestyle
123-19-1176	Health and beauty
373-73-7910	Sports and travel
699-14-3026	Electronic accessories
355-53-5943	Electronic accessories
315-22-5665	Home and lifestyle
665-32-9167	Health and beauty
692-92-5582	Food and beverages
351-62-0822	Fashion accessories
529-56-3974	Electronic accessories

Result Grid | Form Editor | Field Types

supermarketdata

- Columns
 - Invoice ID
 - Branch
 - City
 - Customer type
 - Product line
 - Unit price
 - Quantity
 - Tax 5%
 - Total
 - Date
 - Time
 - Payment

```
3 • select `Invoice ID`,`Product line` from supermarketdata;
4 • alter table supermarketdata add revenue double;
5 • update supermarketdata set revenue = (Rating-cogs);
6 • select * from sample;
7 • alter table supermarketdata drop column Gender;
8
```