

DATA ANALYTICS WITH IBM COGNOS ANALYTICS

ASSIGNMENT-3: SUPERMARKET SALES

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SUPERMARKET DATASET CONNECTED TO MYSQL

MySQL Workbench

Local instance MySQL80

File Edit View Query Database Server Tools Scripting Help

Navigator

SCHEMAS

Filter objects

assignment3

Tables

supermarket

Columns

Invoice ID

Branch

City

Customer type

Gender

Product

Unit price

Quantity

Tax 5%

Total

Date

SQL File 3

1. use assignment3;

2. select*from supermarket;

3.

Limit to 1000 rows

SQLAdditions

Automatic context help is disabled. Use the toolbar to manually get help for the current caret position or to toggle automatic help.

Result Grid

Invoice ID	Branch	City	Customer type	Gender	Product
750-67-9428	A	Yangon	Member	Female	Health
226-31-3081	C	Naypyitaw	Normal	Female	Electr
631-41-3108	A	Yangon	Normal	Male	Home
193-10-1136	A	Yangon	Member	Male	Health

Administration Schemas

supermarket 1

Read Only Context Help Snippets

Information

No object selected

Action Output

#	Time	Action	Message	Duration / Fetch
5	09:18:07	CREATE TABLE 'assignment3'. 'supermarket_sales - sheet1 (1)' ('Invoice ID' text, '...	OK	0.000 sec
6	09:18:07	PREPARE stmt FROM 'INSERT INTO 'assignment3'. 'supermarket_sales - sheet1 (...'	OK	0.000 sec
7	09:18:10	DEALLOCATE PREPARE stmt	OK	0.000 sec
8	09:18:41	Apply changes to supermarket	Changes applied	
9	09:19:17	use assignment3	0 row(s) affected	0.000 sec
10	09:19:17	select from supermarket LIMIT 0, 1000	1000 row(s) returned	0.000 sec / 0.000 sec

Object Info Session

MYSQL CONNECTED TO TABLEAU

Tableau - Book1

File Data Server Window Help

Connections [Add](#)

localhost
MySQL

Database
assignment3

Table
supermarket
New Custom SQL
New Union
New Table Extension

supermarket (assignment3)

Connection: ☒ Live ☐ Extract Filters: 0 | [Add](#)

Need more data?
Drag tables here to relate them. [Learn more](#)

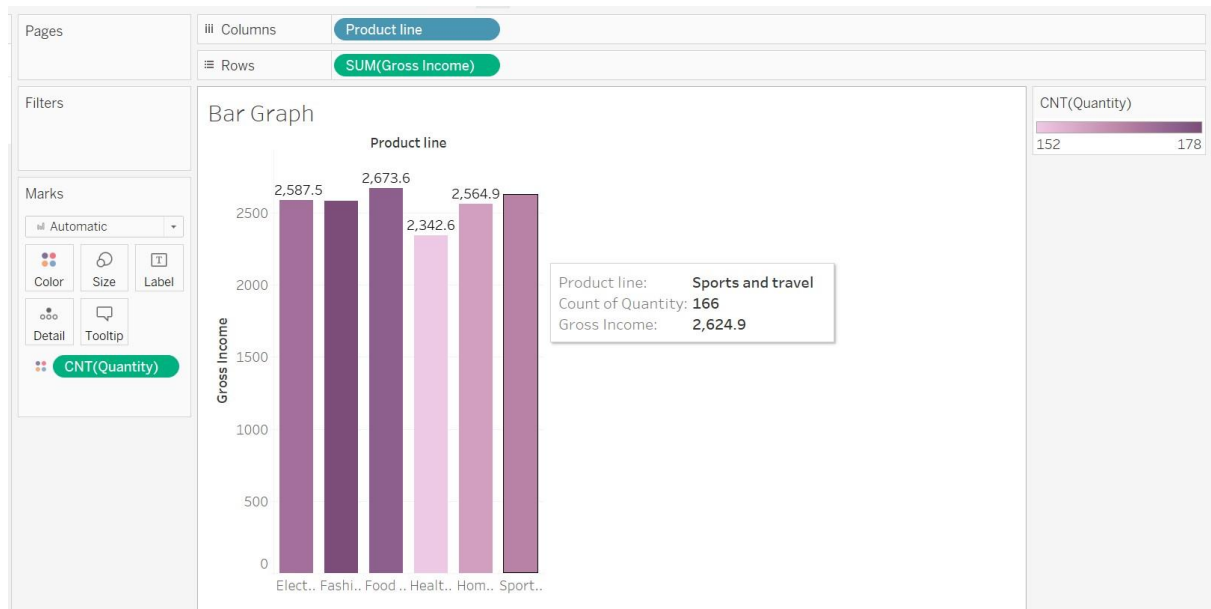
supermarket 19 fields 1000 rows 100 rows

Invoice ID	Branch	City	Customer type	Gender	Product line
750-67-8428	A	Yangon	Member	Female	Health
226-31-3081	C	Naypyitaw	Normal	Female	Electronics
631-41-3108	A	Yangon	Normal	Male	Home
123-19-1176	A	Yangon	Member	Male	Health

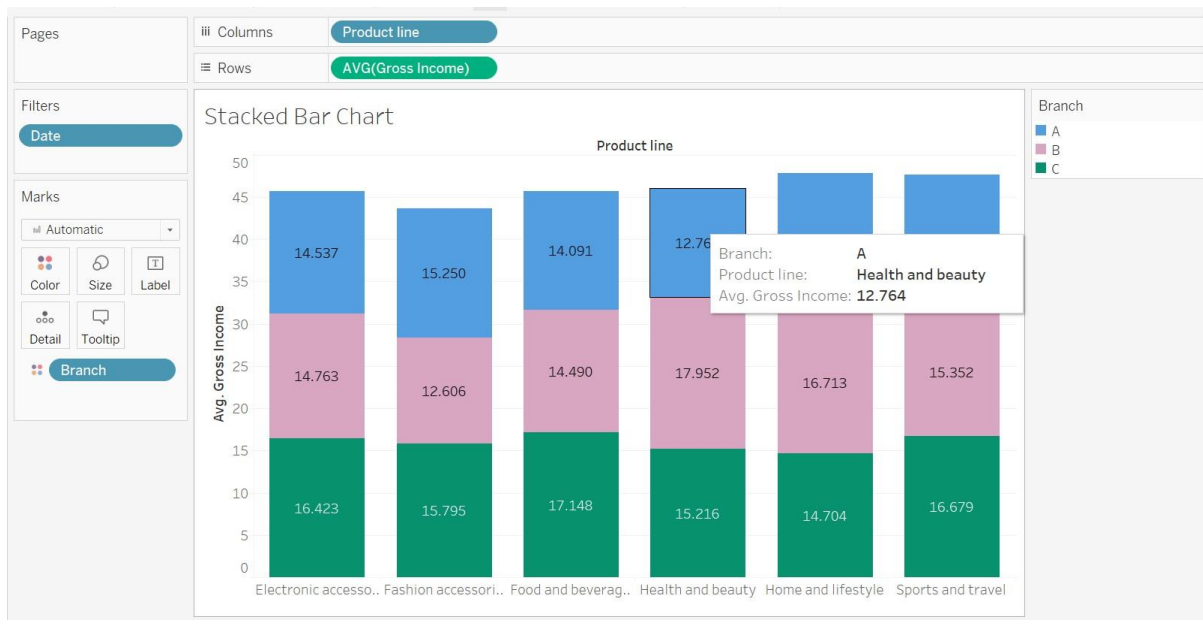
Data Source Bar Graph Stacked Bar Chart Histogram Pie Chart Heat Map Bubble Chart Box Plot Tree Map Map Chart Motion Chart Bullet Chart Scatter plot Area Plot Line Chart

EXPLORATIONS AND VISUALIZATIONS USING TABLEAU FOR SUPERMARKET DATASET

BAR GRAPH:



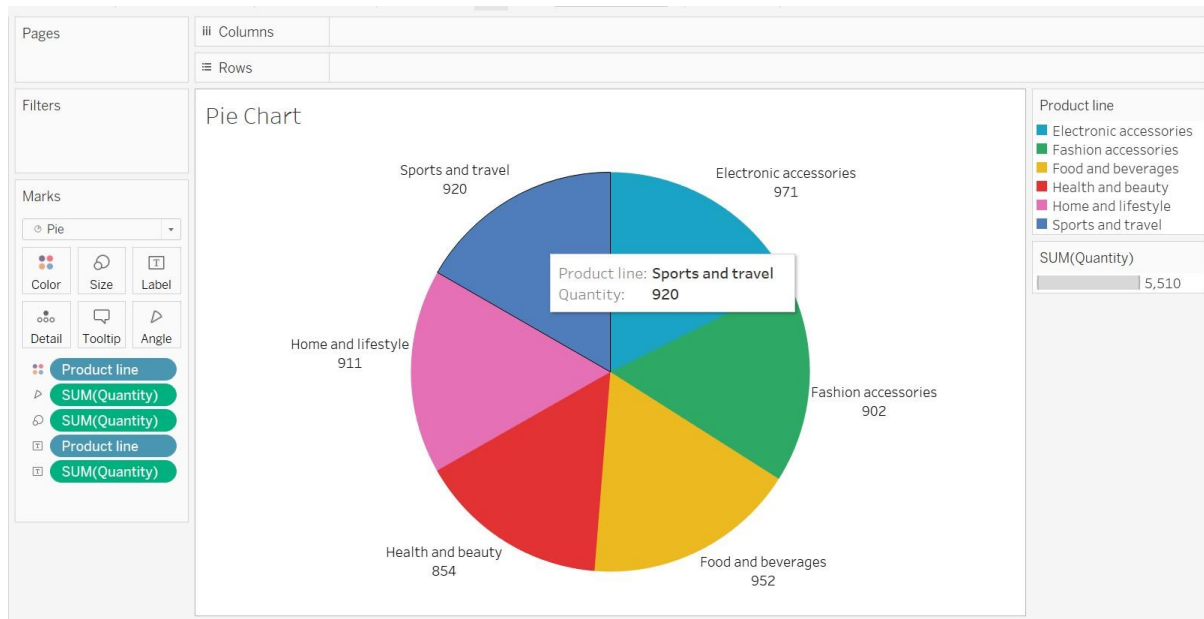
STACKED BAR GRAPH:



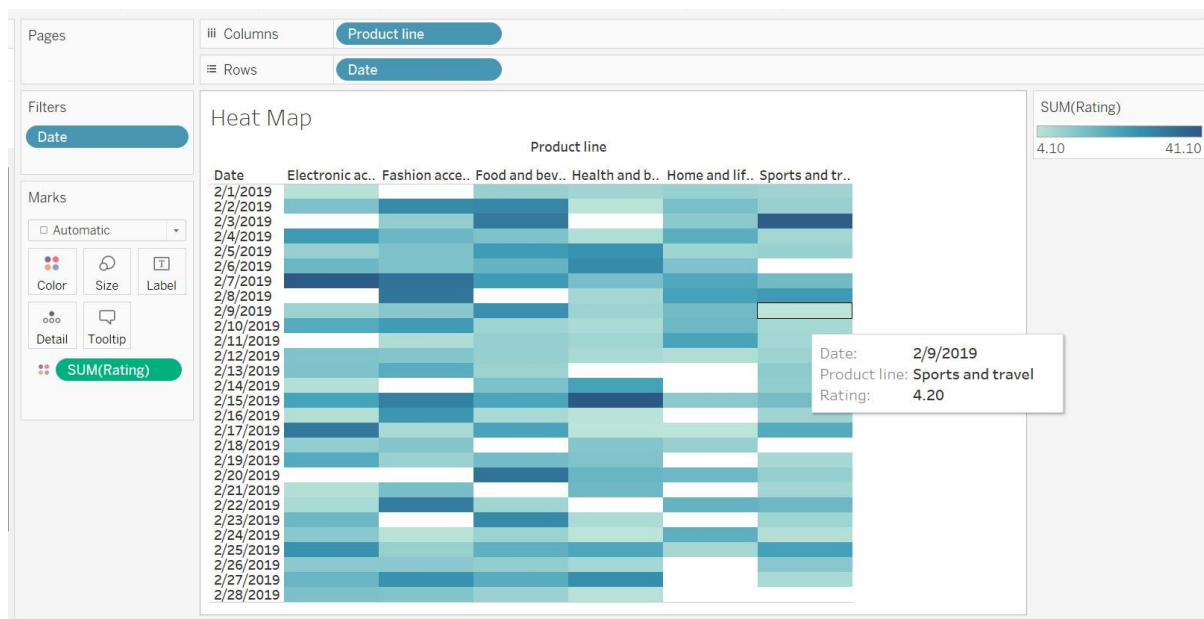
HISTOGRAM:



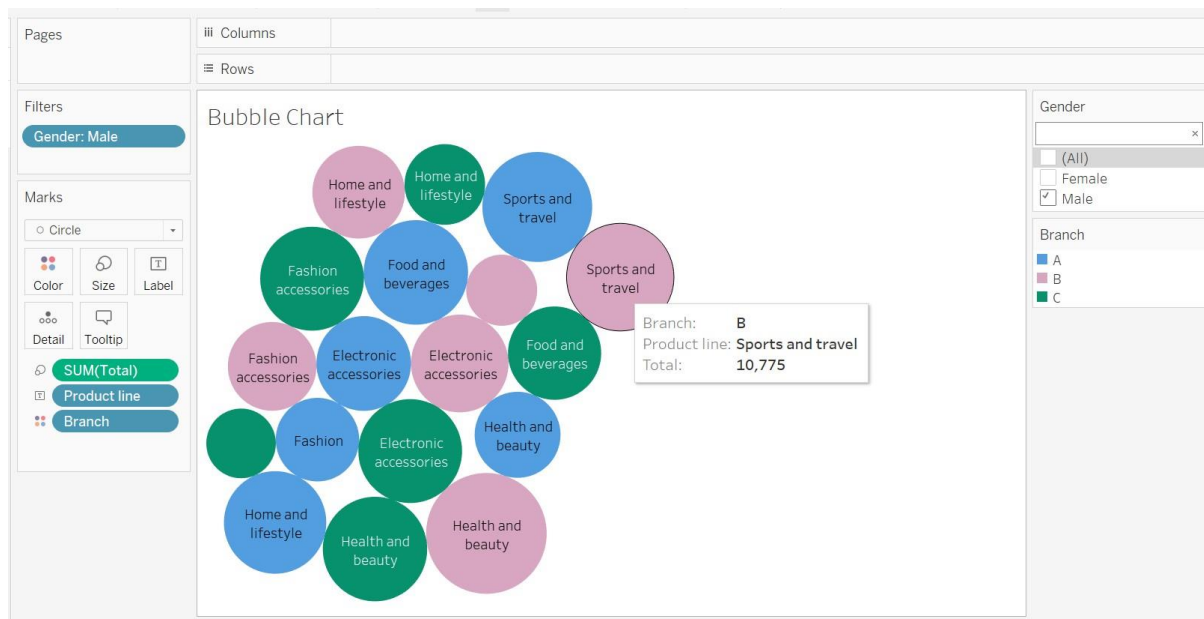
PIE CHART:



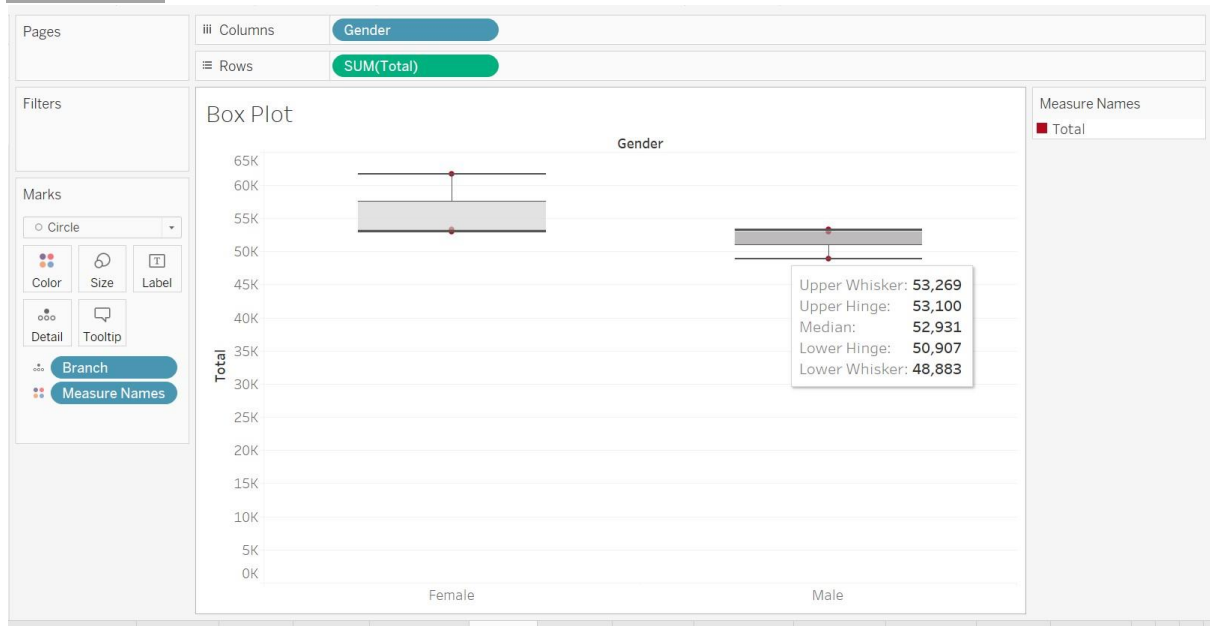
HEAT MAP:



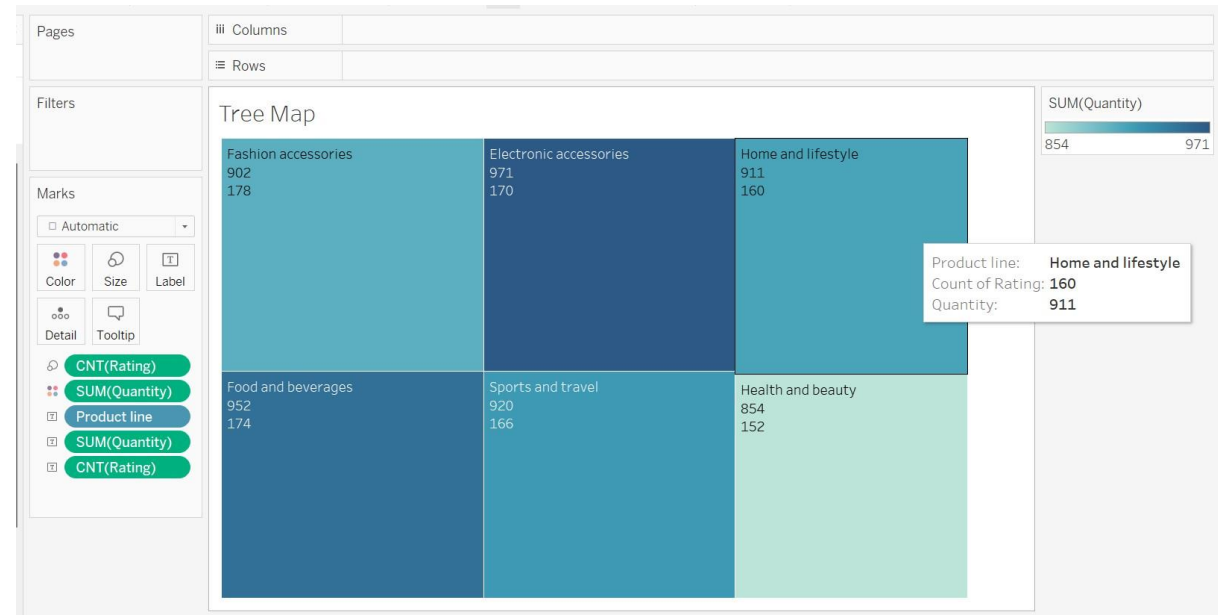
PACKED BUBBLE CHART:



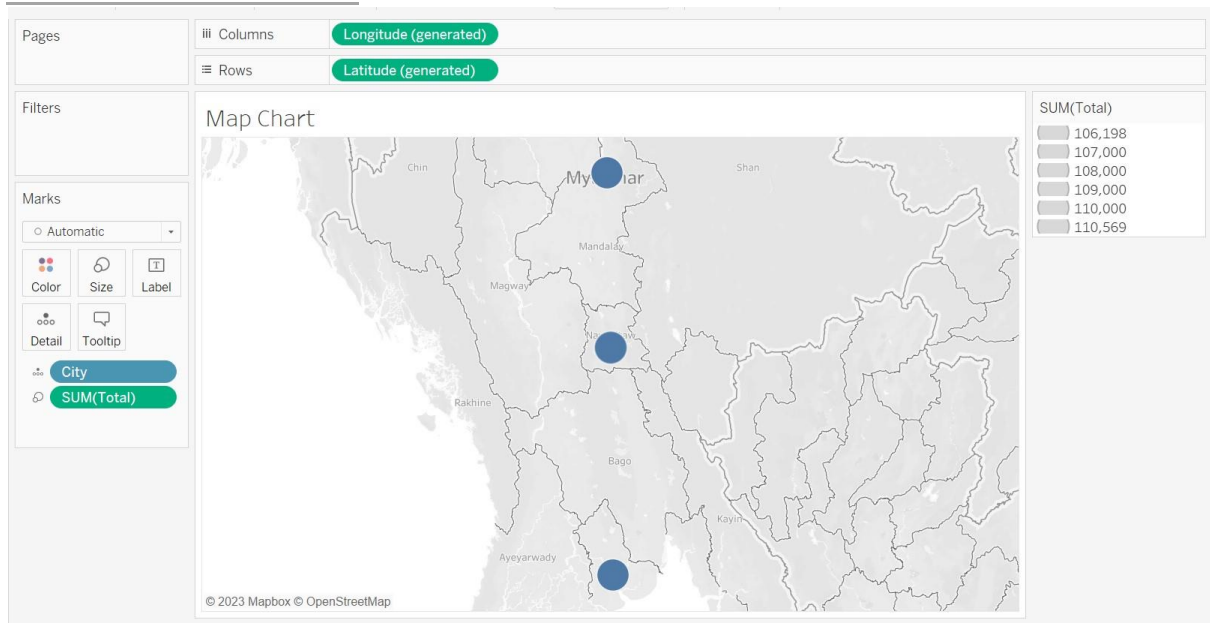
BOX PLOT:



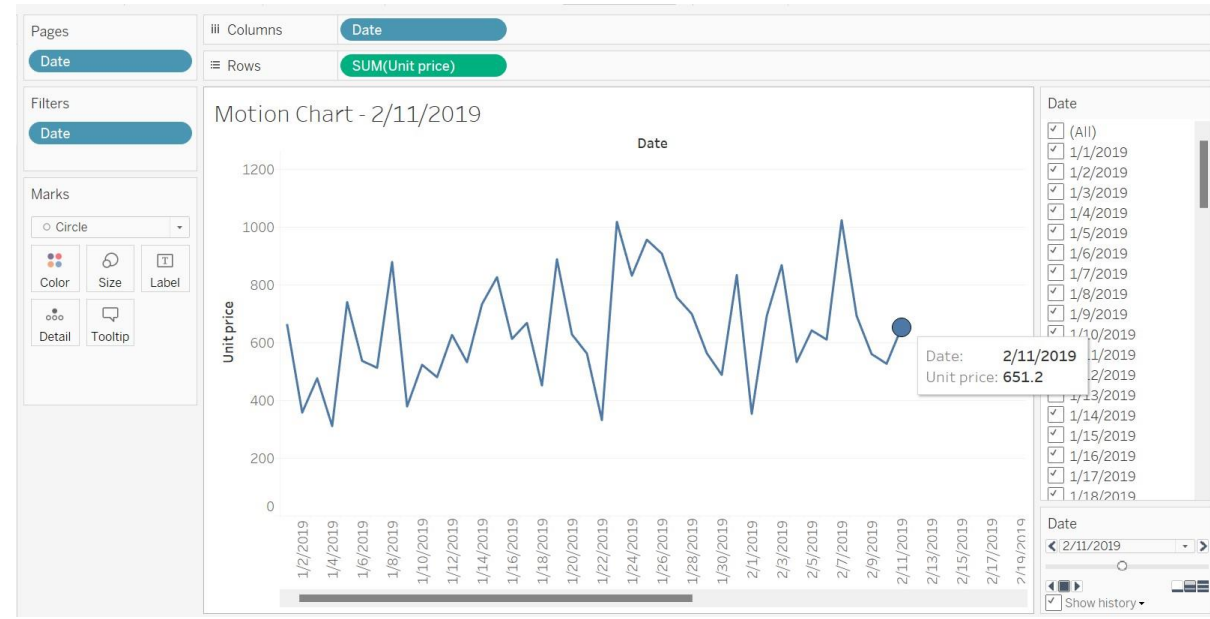
TREE MAP:



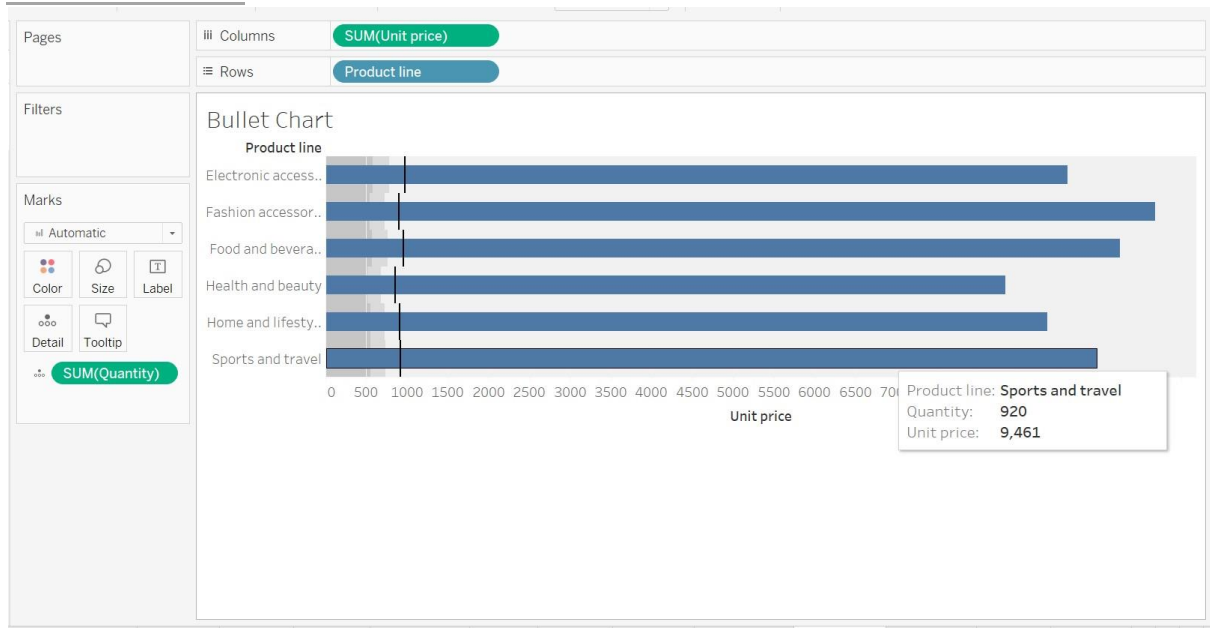
SYMBOLIC MAP CHART:



MOTION CHART:



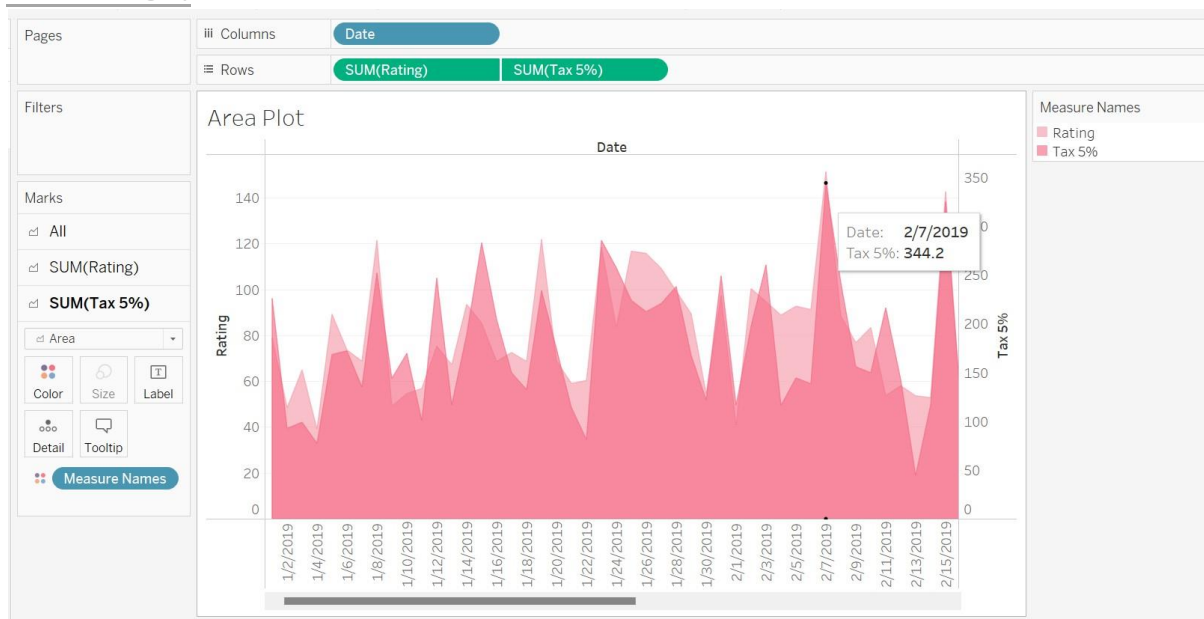
BULLET CHART:



SCATTER PLOT:



AREA PLOT:



LINE CHART:

