

## Assignment-3

**Name:-**

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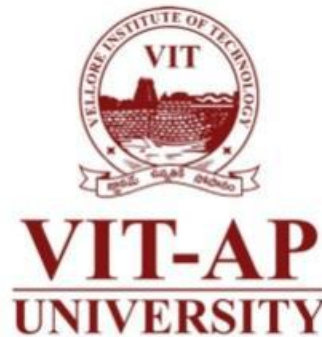
**Course:-**

Data Analytics collaboration with ibm

Cognos

**Branch:-**

VIT-AP(Amravati)



## Challenge: -

Upload the dataset to MySQL and integrate with Tableau , delete the unnecessary columns, explore and visualize the dataset using Tableau.

## MySQL workbench: -

First, we create a database in schemas and upload table and connect to the tableau. So, I have dropped time in the table because it is no use for visualization and any operations. Therefore, we remove time from the table.

The screenshot displays the MySQL Workbench interface. The left sidebar shows the 'SCHEMAS' panel with a tree view containing 'demodb', 'sujith', and 'supermarket'. The 'supermarket' schema is selected, showing its tables, views, stored procedures, functions, and superstore. The main window shows a SQL editor with the following queries:

```
1 • use supermarket;
2
3 • select * from supermarket;
4
5 • alter table supermarket
6   drop column Time;
```

The 'Result Grid' shows the output of the queries. The first query returns 1000 rows. The second query returns 1000 rows. The third query returns 1000 rows. The fourth query returns 1000 rows. The fifth query returns 1000 rows. The sixth query returns 1000 rows.

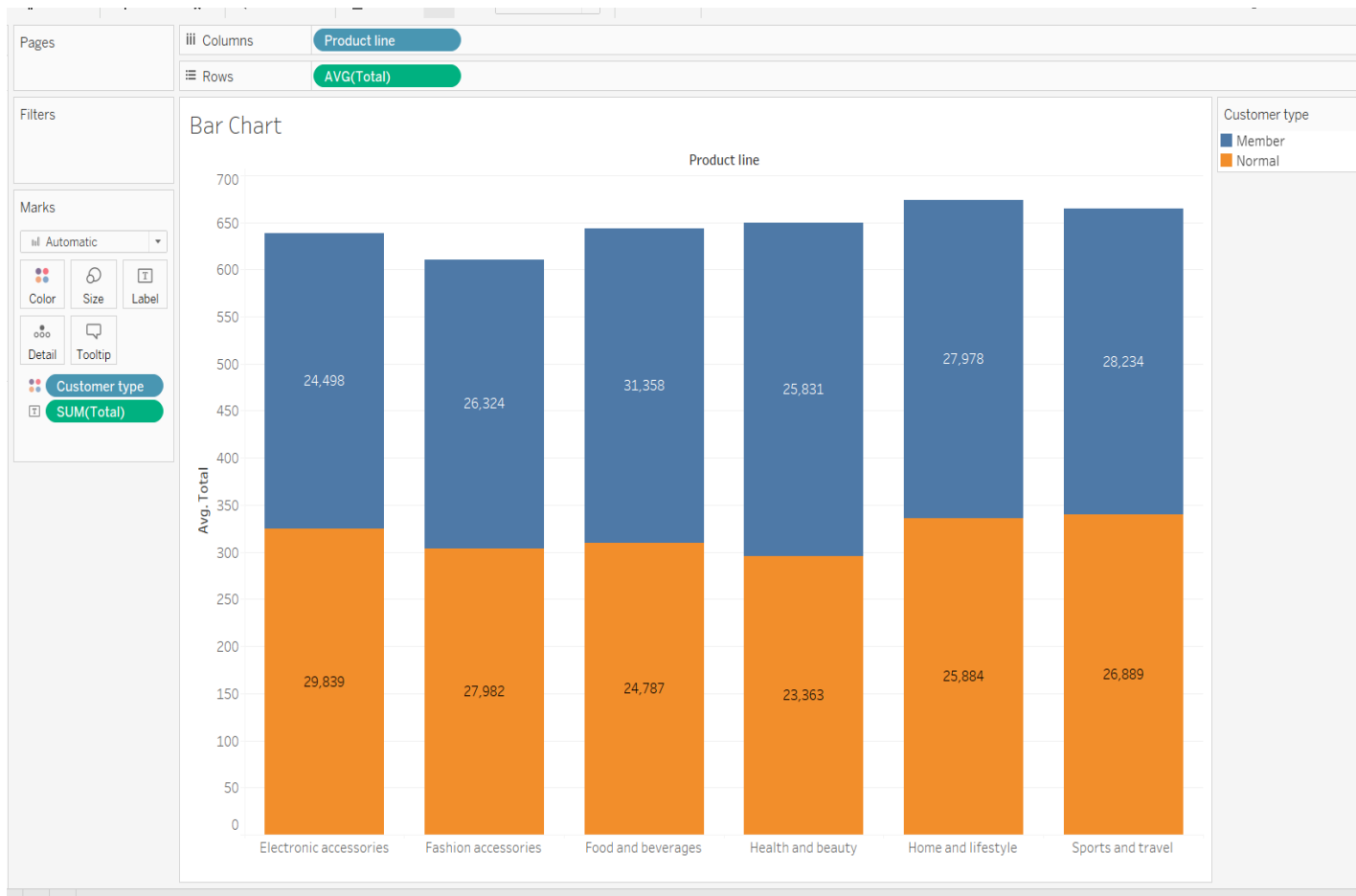
Invoice ID	Branch	City	Customer type	Gender	Product line	Unit price	Quantity	Tax 5%
750-67-8428	A	Yangon	Member	Female	Health and beauty	74.69	7	26.14
226-31-3081	C	Naypyitaw	Normal	Female	Electronic accessories	15.28	5	3.82
631-41-3108	A	Yangon	Normal	Male	Home and lifestyle	46.33	7	16.21
123-19-1176	A	Yangon	Member	Male	Health and beauty	58.22	8	23.28
373-73-7910	A	Yangon	Normal	Male	Sports and travel	86.31	7	30.20
699-14-3026	C	Naypyitaw	Normal	Male	Electronic accessories	85.39	7	29.88
355-53-5943	A	Yangon	Member	Female	Electronic accessories	68.84	6	20.61
315-22-5665	C	Naypyitaw	Normal	Female	Home and lifestyle	73.56	10	36.78
665-32-9167	A	Yangon	Member	Female	Health and beauty	36.26	2	3.62
692-92-5582	B	Mandalay	Member	Female	Food and beverages	54.84	3	8.22
351-62-0822	B	Mandalay	Member	Female	Fashion accessories	14.48	4	2.89
529-56-3974	B	Mandalay	Member	Male	Electronic accessories	25.51	4	5.10
365-64-0515	A	Yangon	Normal	Female	Electronic accessories	46.95	5	11.73
252-56-2699	A	Yangon	Normal	Male	Food and beverages	43.19	10	21.59
829-34-3910	A	Yangon	Normal	Female	Health and beauty	71.38	10	35.69

The bottom panel shows the 'Output' tab with the following messages:

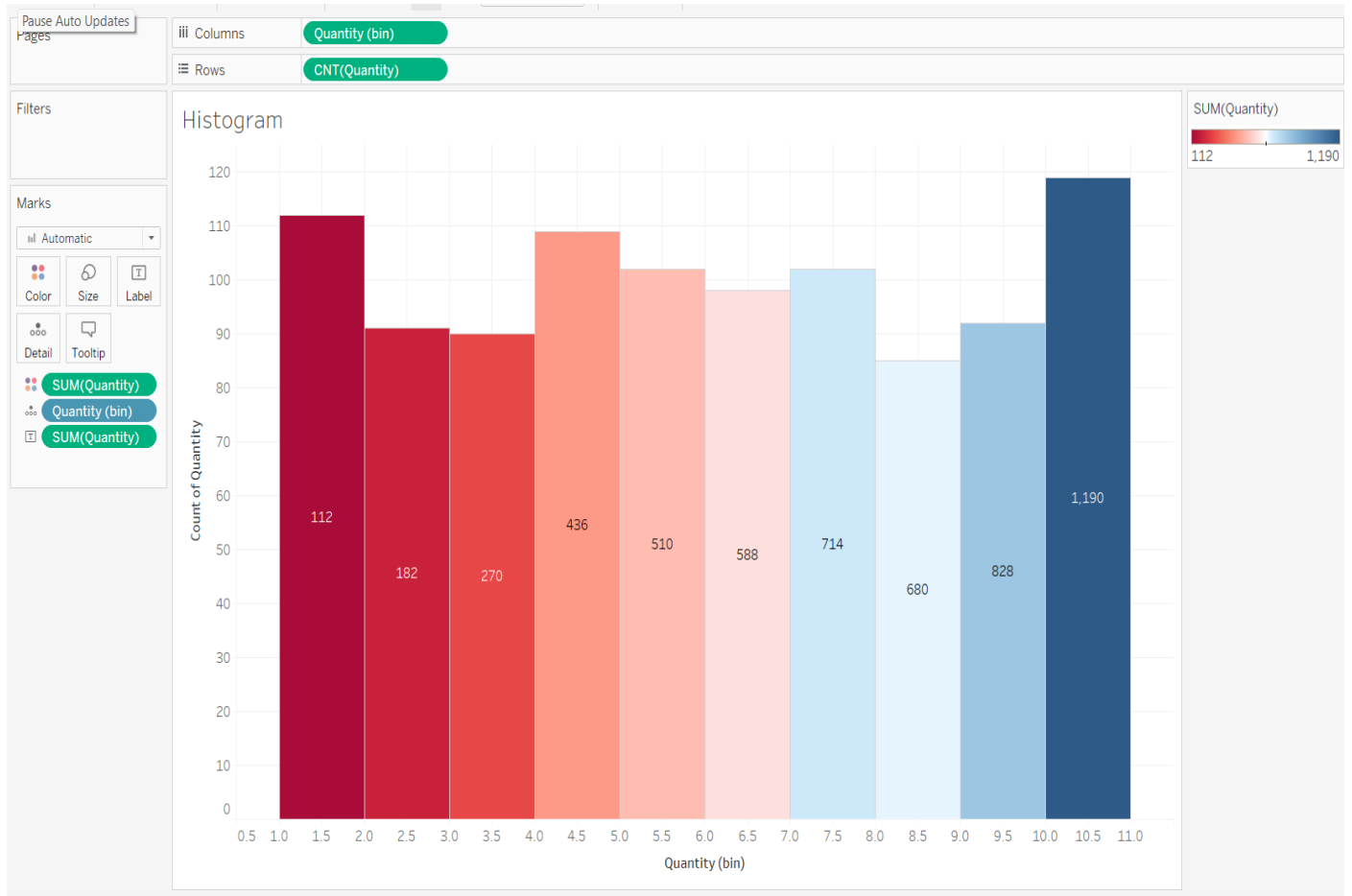
#	Time	Action	Message
8	18:47:55	use supermarket	0 row(s) affected
9	18:48:10	select * from supermarket	1000 row(s) returned
10	18:57:05	alter table supermarket drop column Time	0 row(s) affected Records: 0 Duplicates: 0 Wa
11	18:57:10	select * from supermarket	1000 row(s) returned

## Tableau Visualization: -

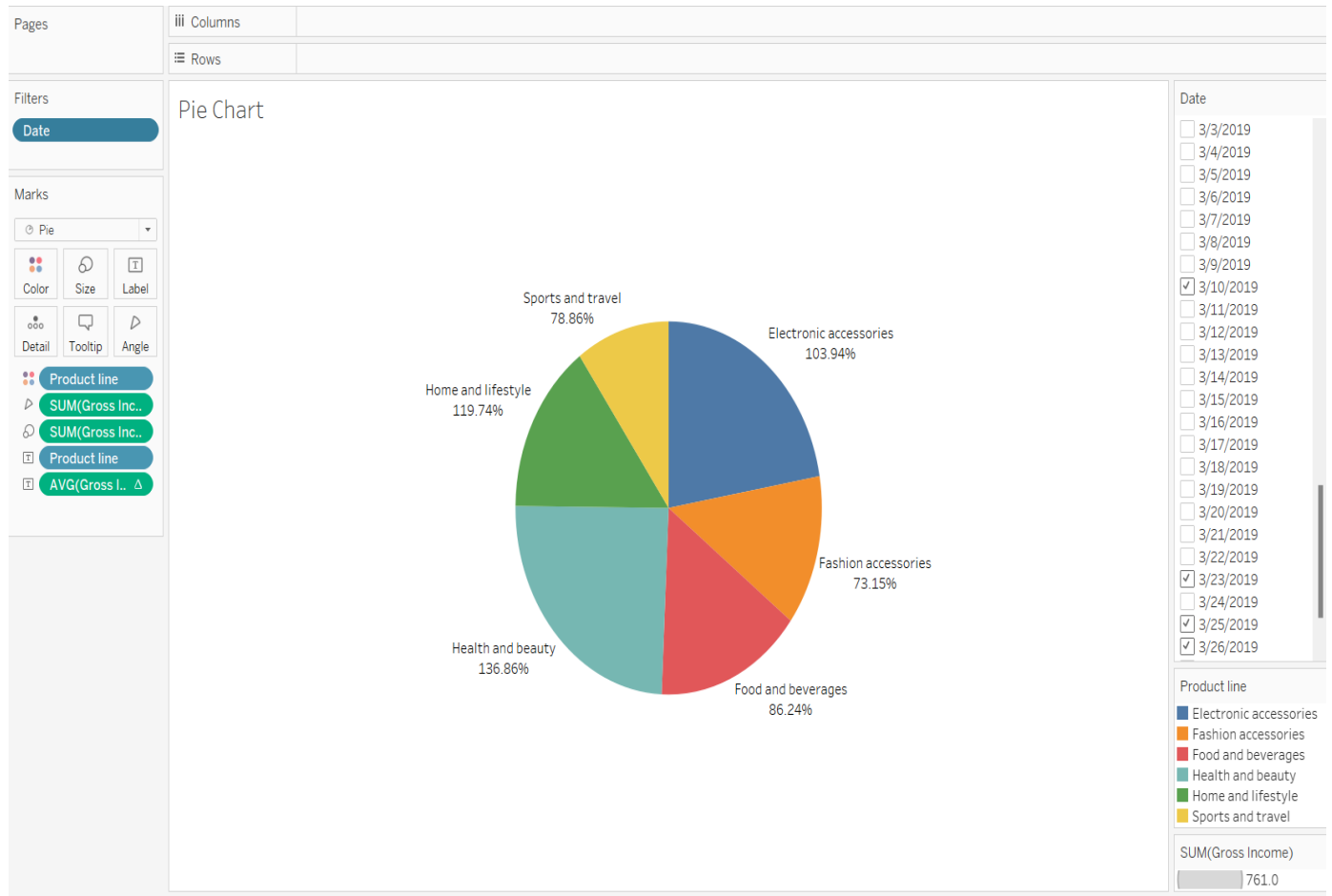
### 1)Bar Chart: -



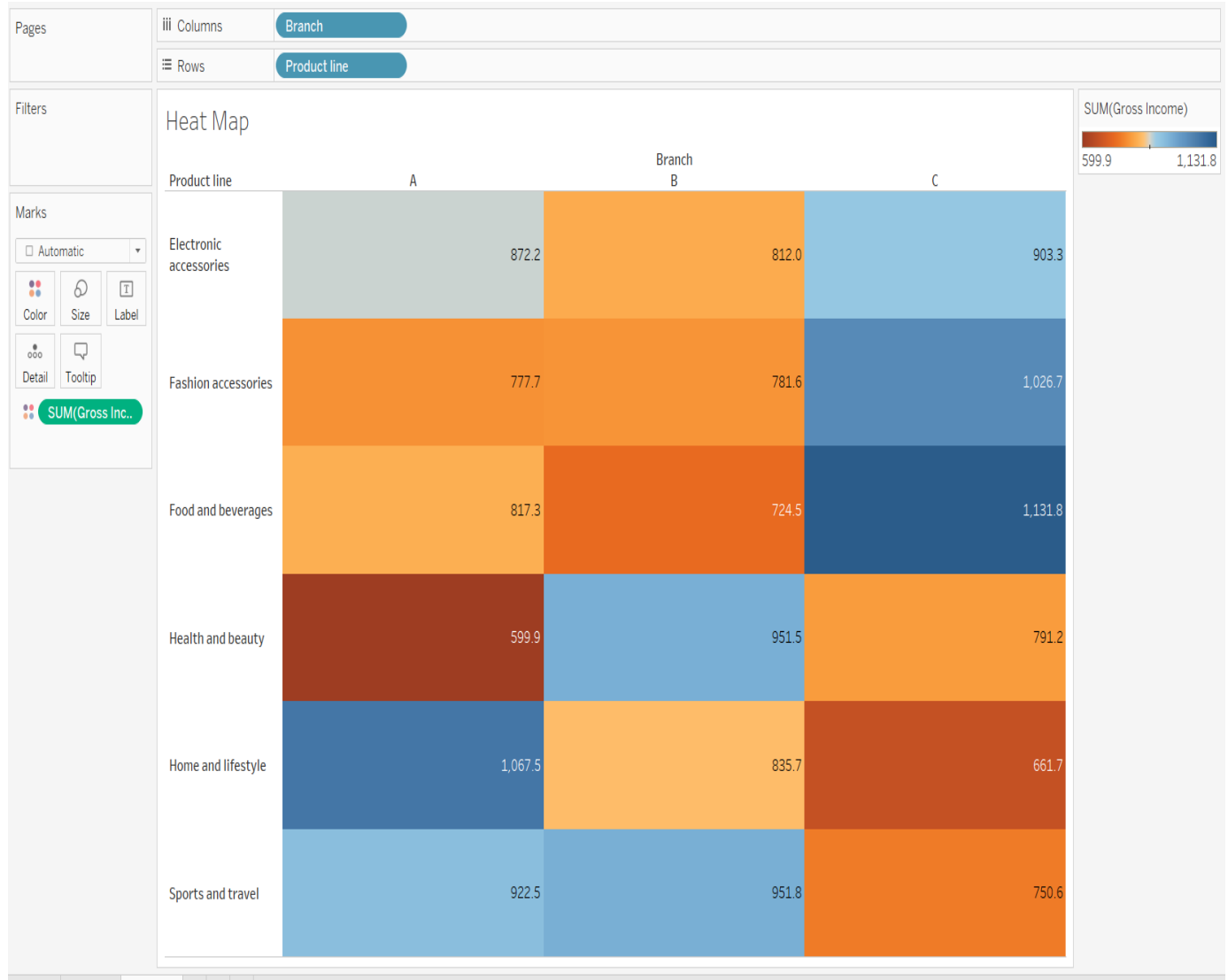
## 2)Histogram: -



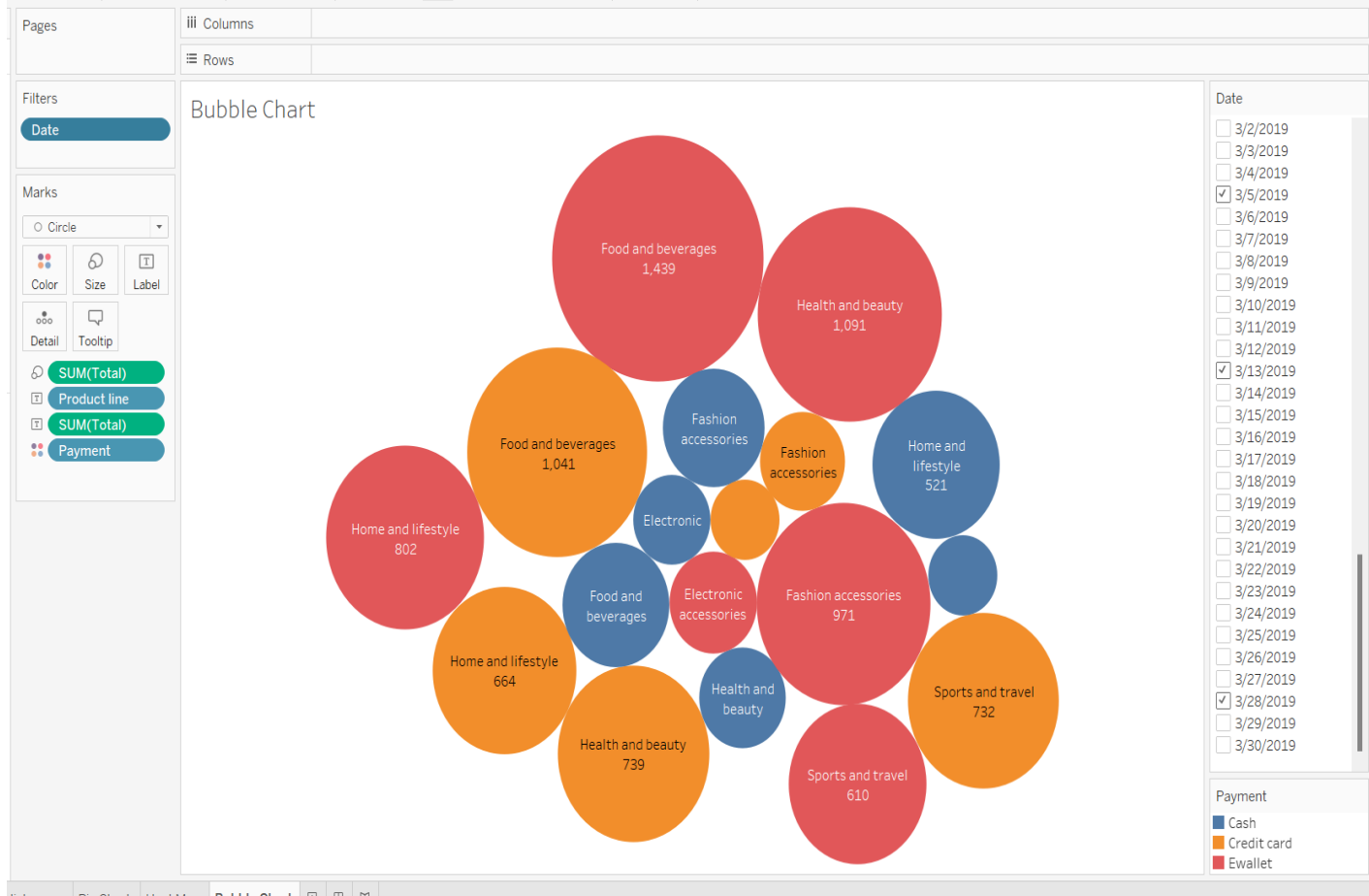
### 3) Pie Chart: -



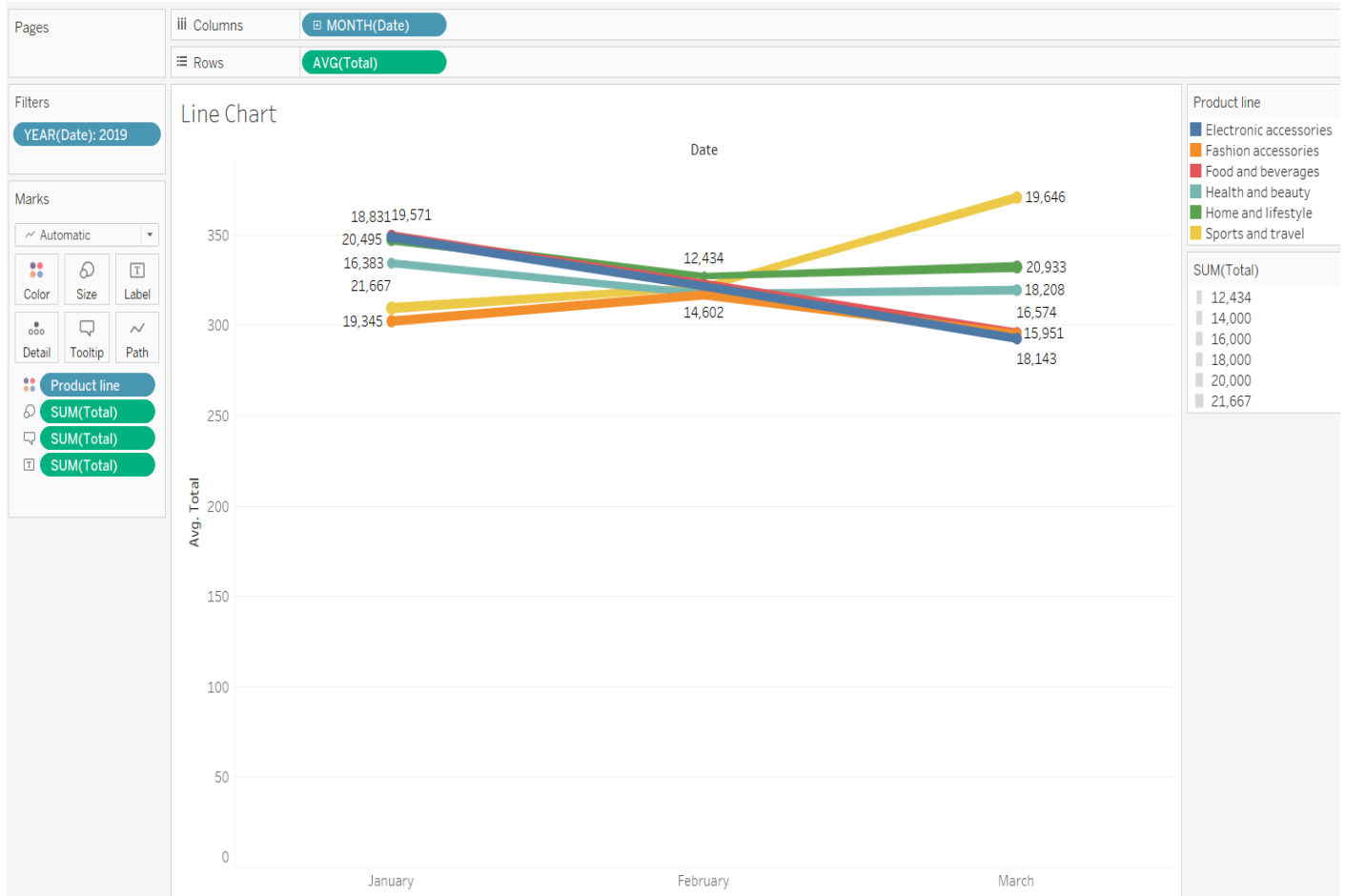
## 4)Heat Map: -



## 5)Bubble Chart: -

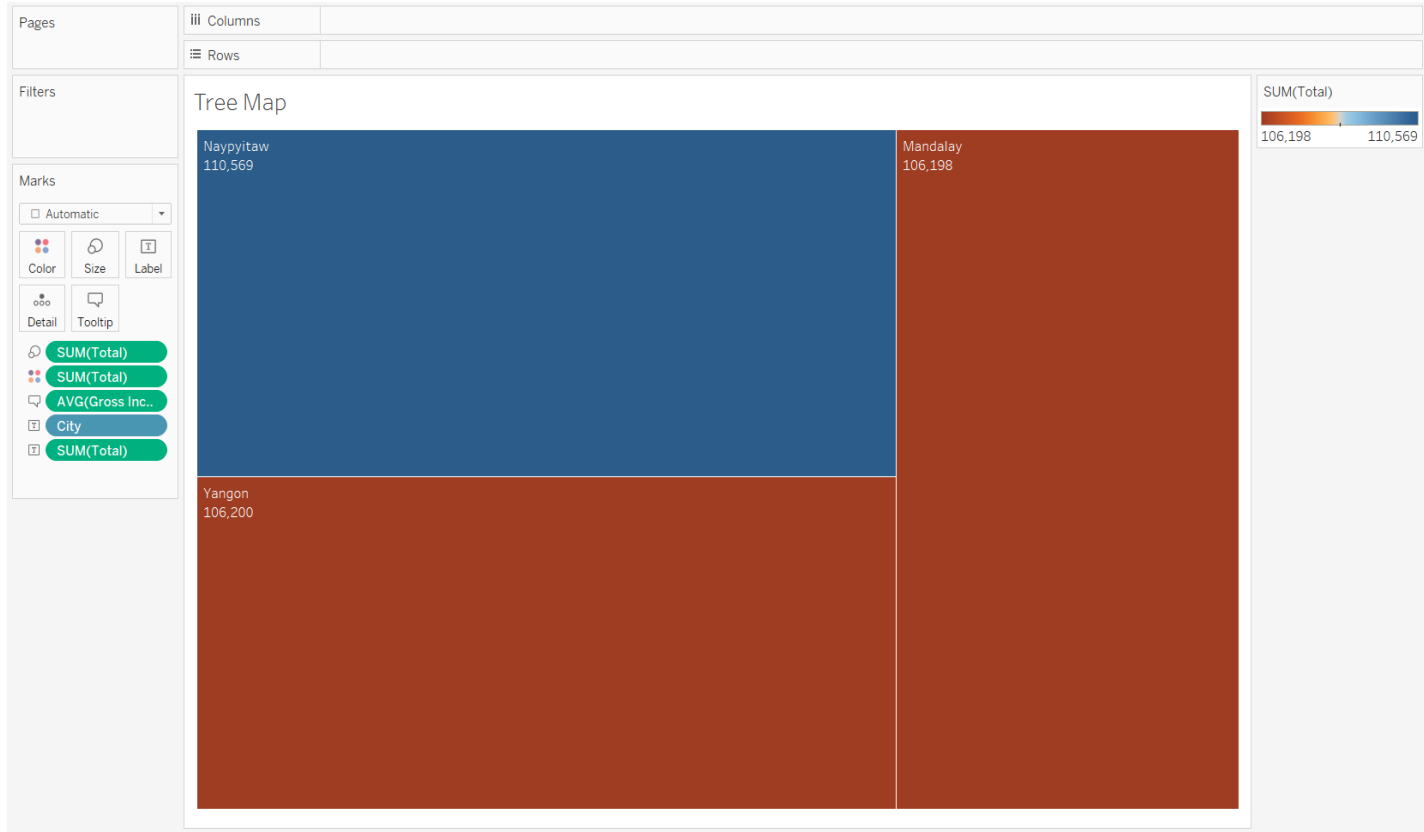


## 6)Line Chart: -

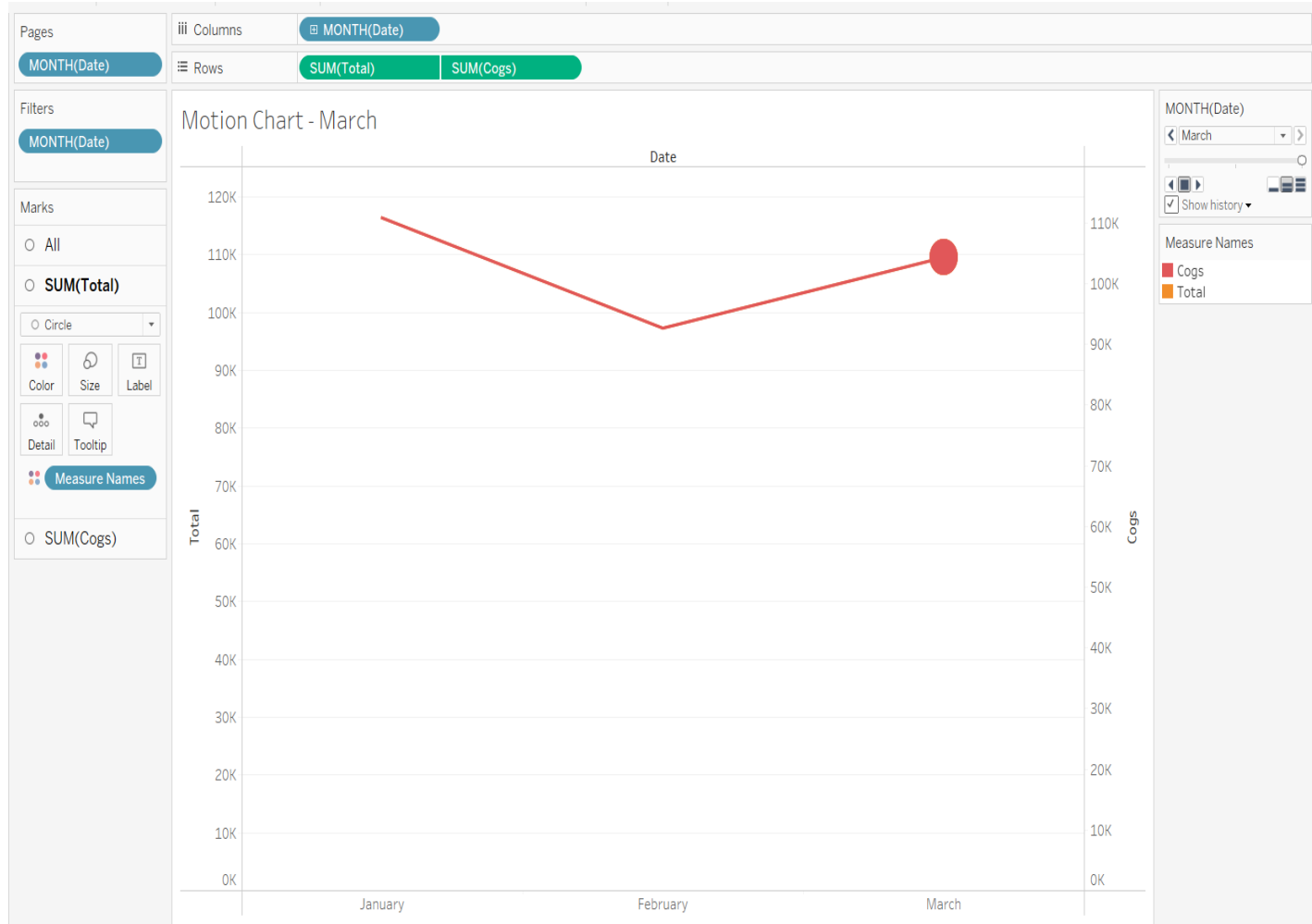




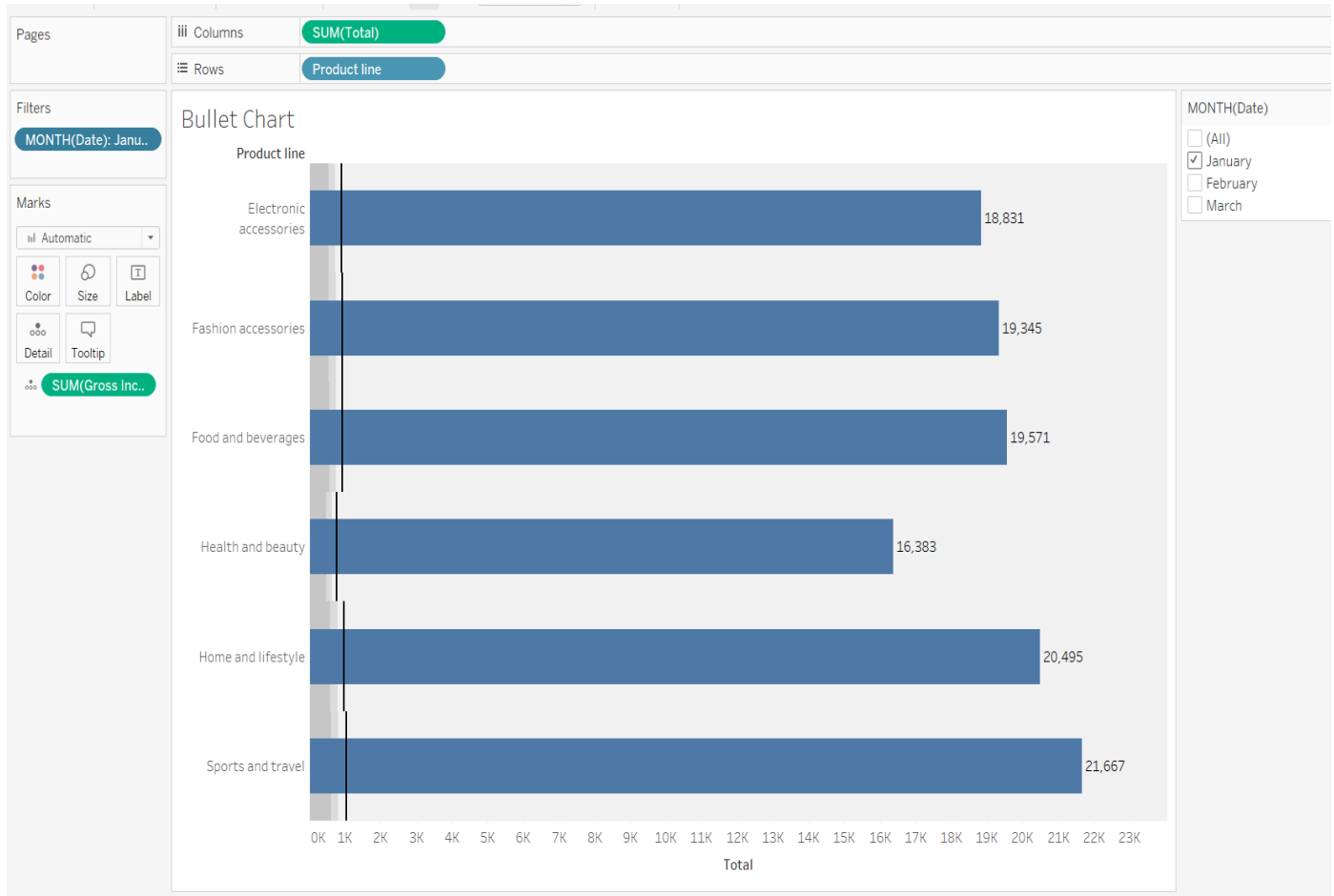
## 7)Tree Map: -



## 8)Motion Chart: -



## 9)Bullet Chart: -



## 10)Scatter Plot: -

