

NAME: MAITHREYI A

REG.NO: 21BAI1548

DATA ANALYTICS WITH TABLEAU ASSIGNMENT-3

1. UPLOADING DATASET IN MYSQL & DELETING UNNECESSARY COLUMNS:

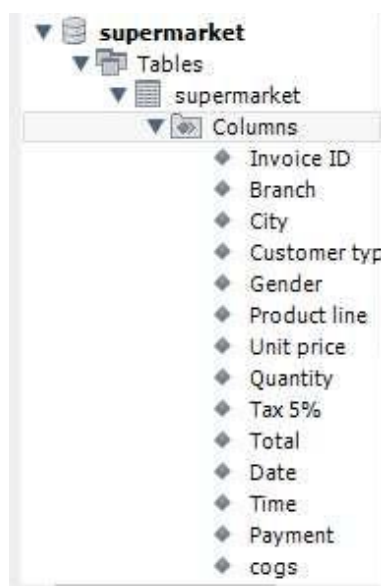
The screenshot displays the MySQL Workbench interface. The 'Query 1' window contains the following SQL script:

```
1 use supermarket;
2 select * from supermarket;
3
4 alter table supermarket
5 drop column `Customer type`;
```

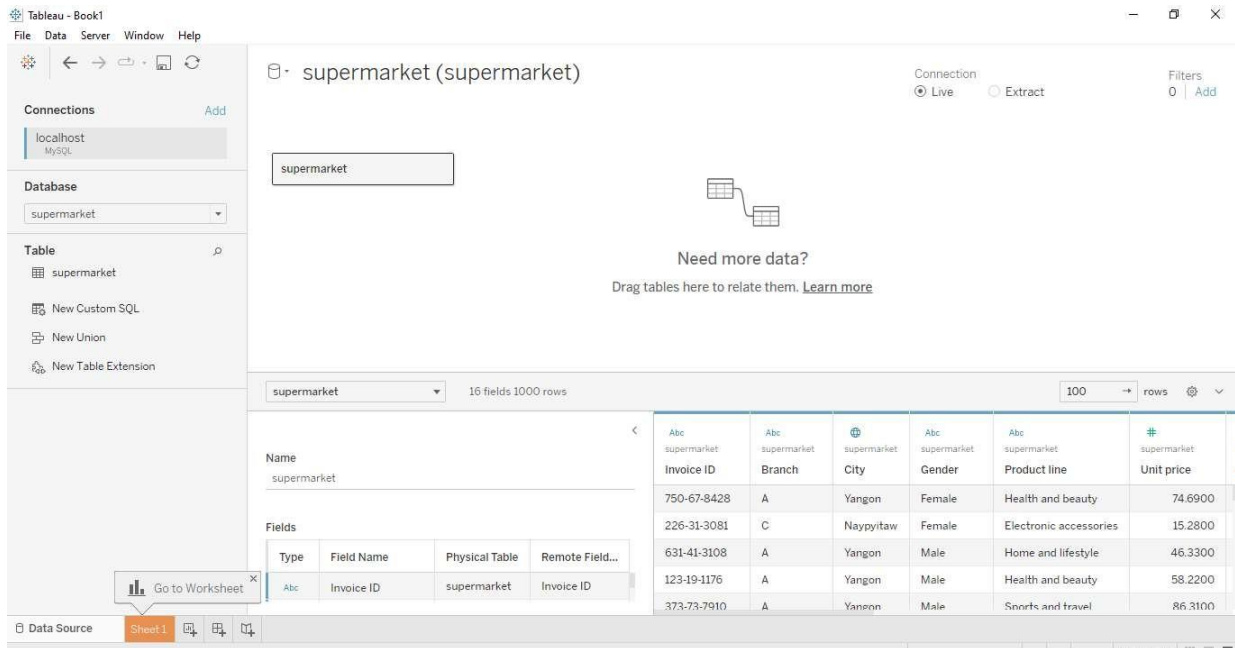
The 'Result Grid' shows a table with 12 columns: Invoice ID, Branch, City, Customer type, Gender, Product line, Unit price, Quantity, Tax 5%, Total, Date, Time, Payment, cogs, gross margin percentage, gross income, and Rating. The data is filtered to show 1000 rows.

The 'Information' pane at the bottom shows the 'Action Output' for the executed queries:

#	Time	Action	Message	Duration / Fetch
1	11:21:45	use supermarket	0 row(s) affected	0.000 sec
2	11:21:45	select * from supermarket LIMIT 0, 1000	1000 row(s) returned	0.000 sec / 0.016 sec
3	11:21:45	alter table supermarket drop column `Customer type`	0 row(s) affected Records: 0 Duplicates: 0 Warnings: 0	0.031 sec
4	11:21:49	use supermarket	0 row(s) affected	0.000 sec
5	11:21:49	select * from supermarket LIMIT 0, 1000	1000 row(s) returned	0.000 sec / 0.000 sec

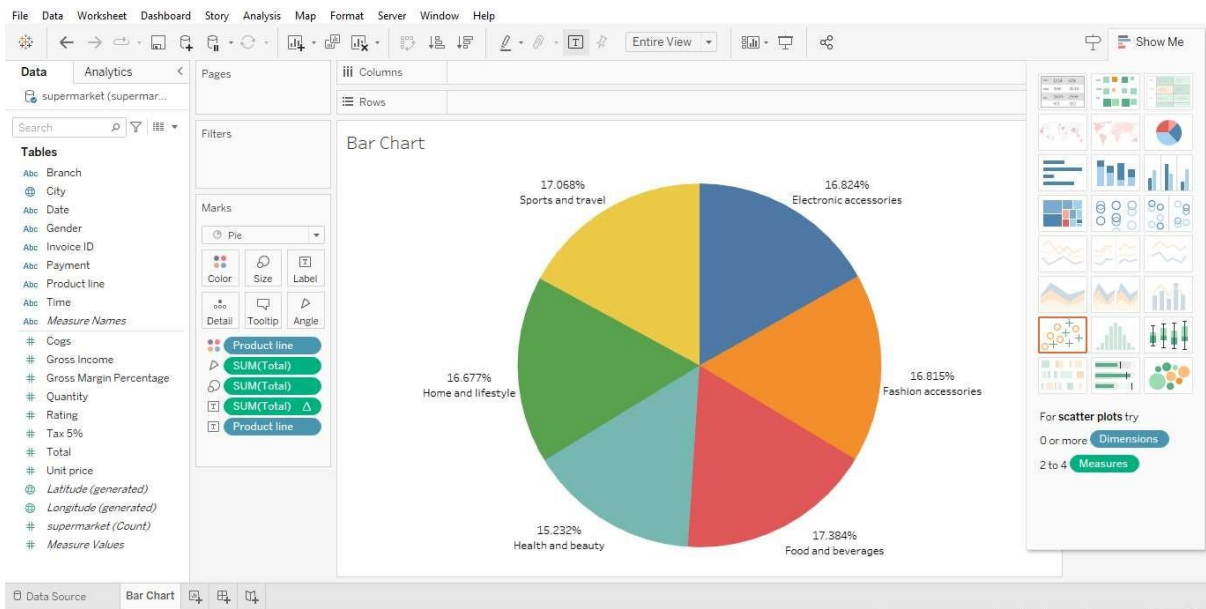


2. LINKING TABLEAU WITH MY SQL:

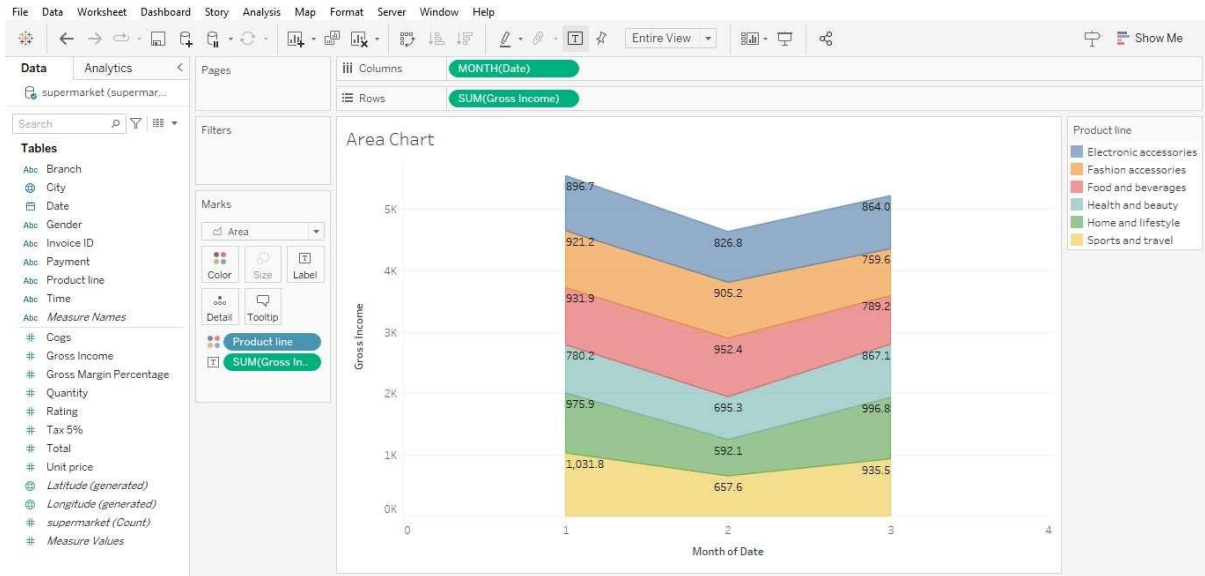


EXPLORATION AND VISUALIZATION:

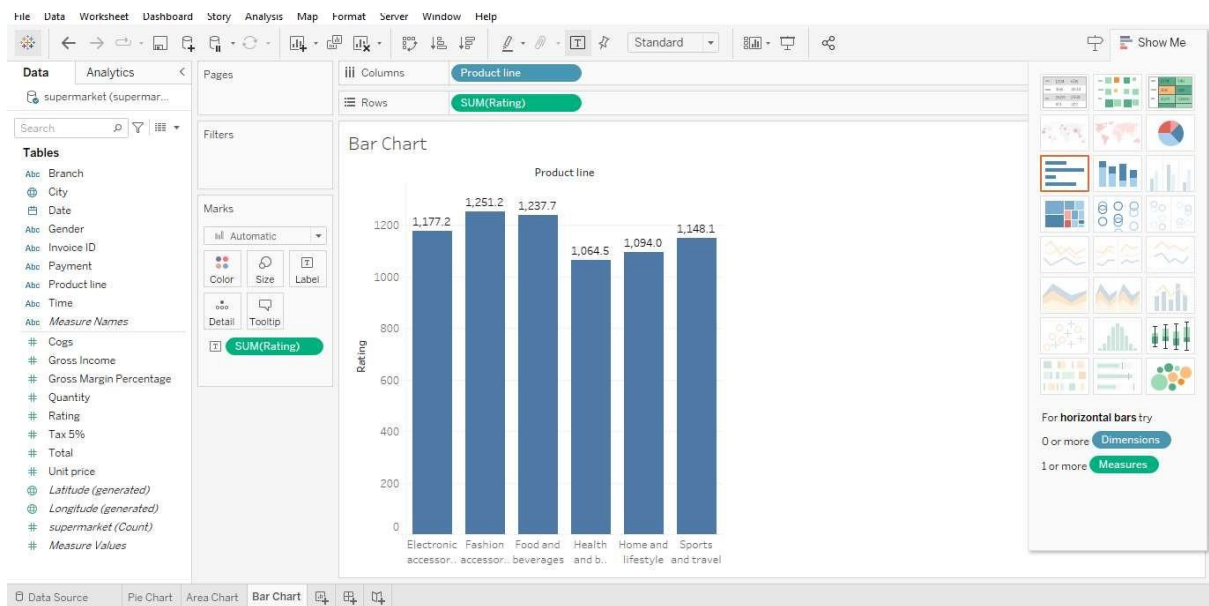
1. PIE CHART:



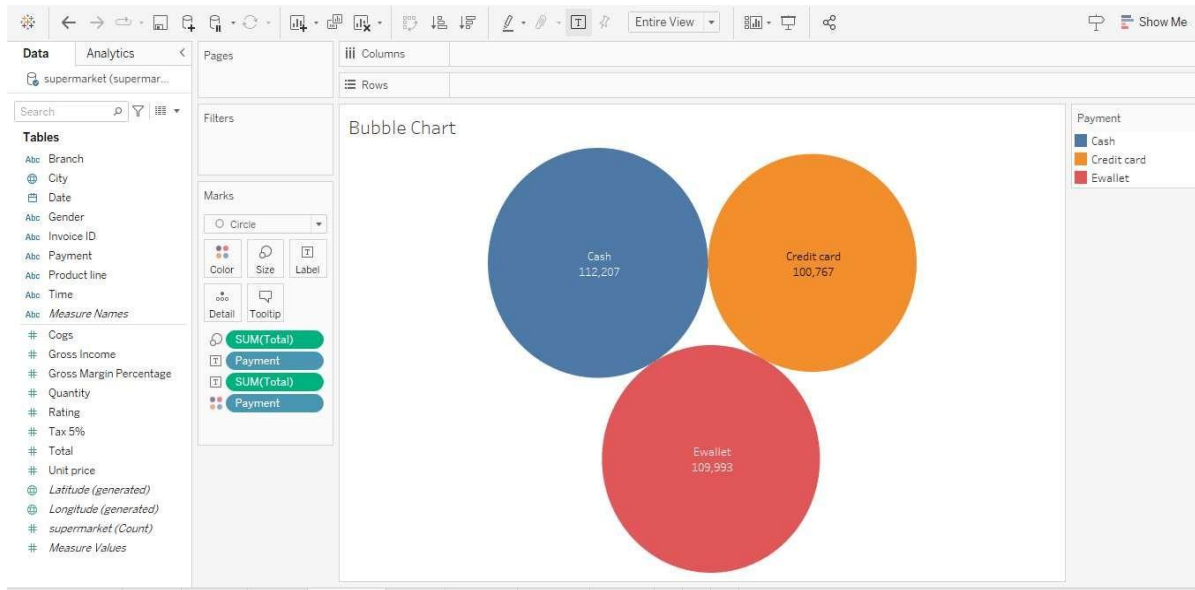
2. AREA CHART:



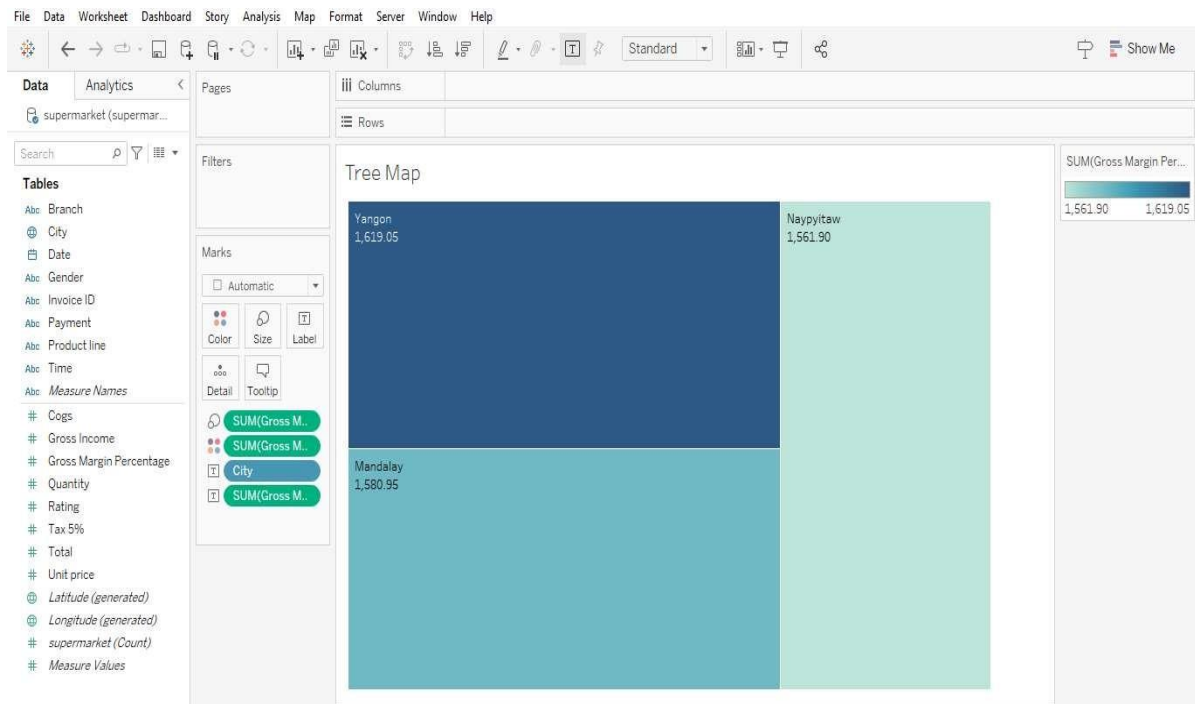
3. BAR CHART:



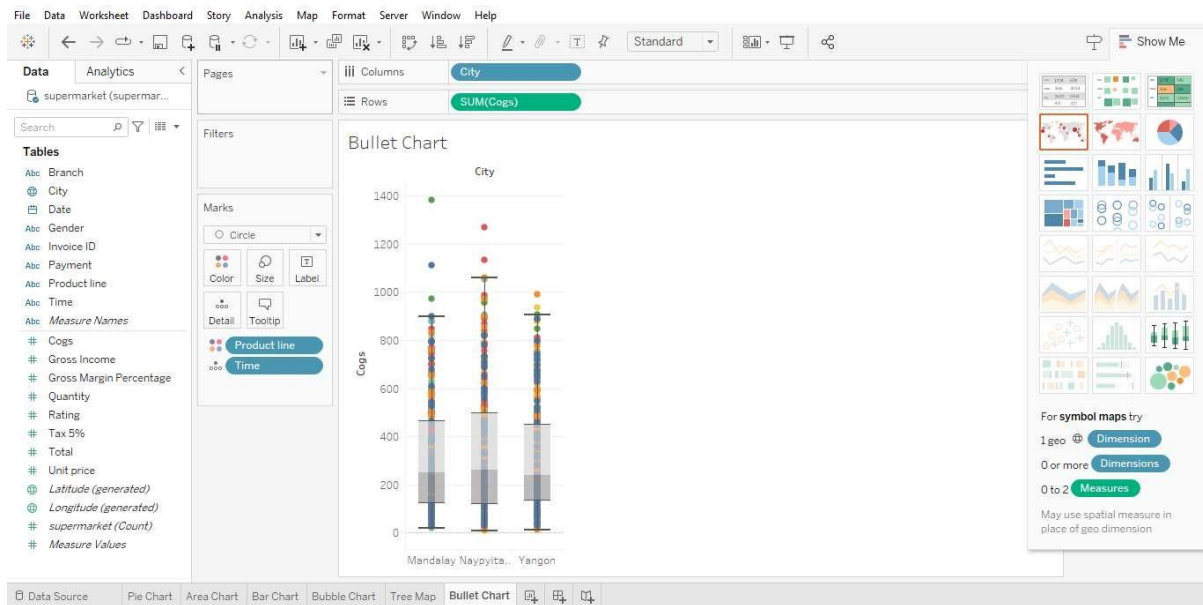
4. BUBBLE CHART:



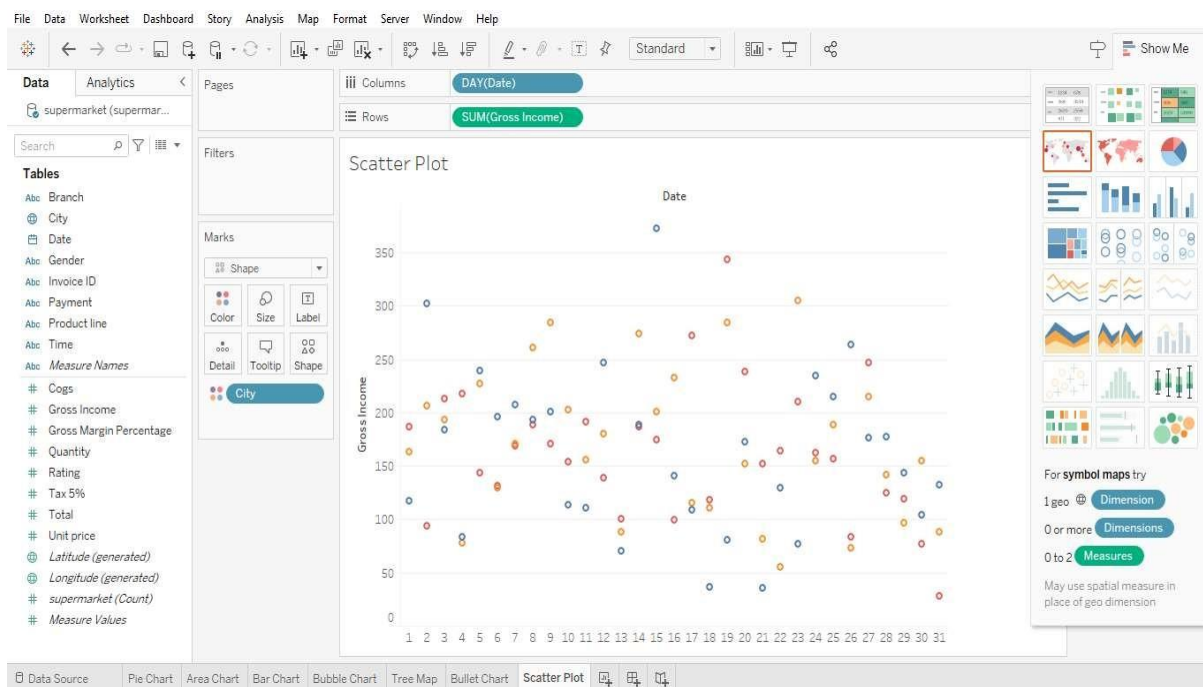
5. TREE MAP:



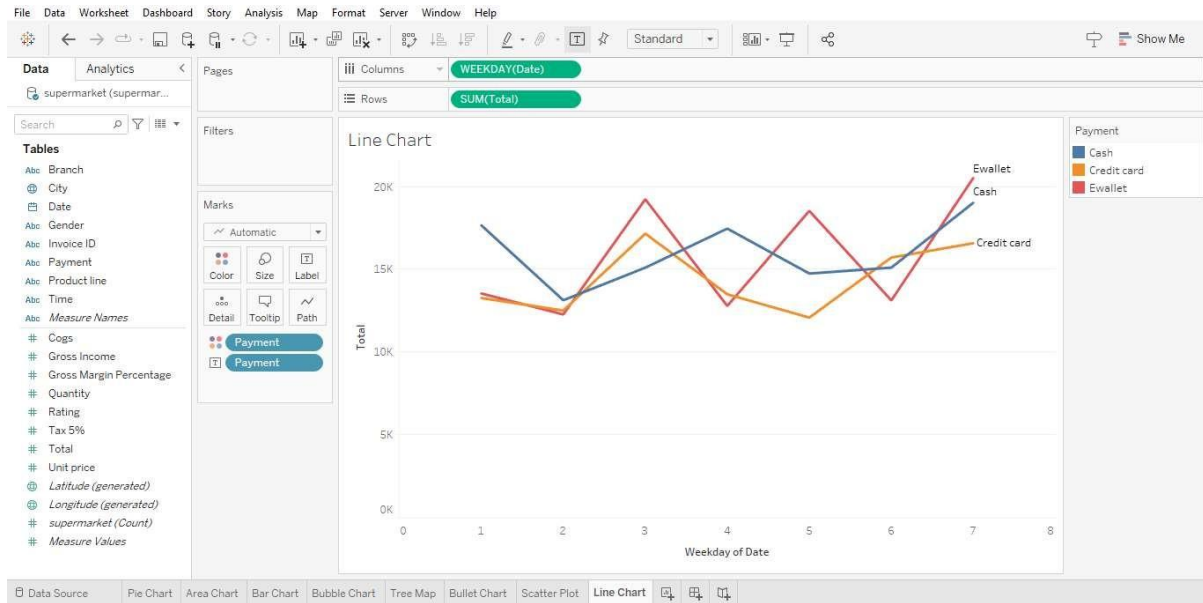
6. BULLET CHART:



7. SCATTER PLOT:



8. LINE CHART:



9. STACKED BAR CHART:

