

NAME: K TEJAS

REG.NO: 21BAI1513

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:

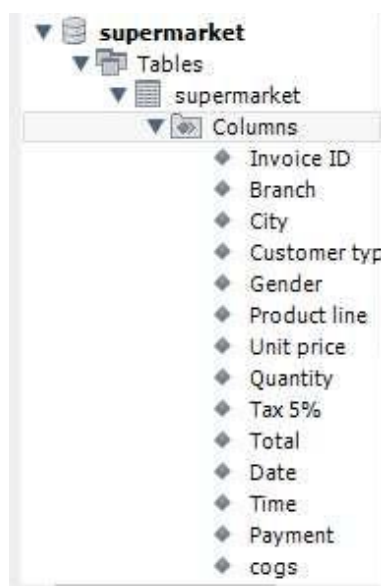
```
1 use supermarket;
2 select * from supermarket;
3
4 alter table supermarket
5 drop column `Customer type`;
```

The 'Result Grid' shows the output of the queries. The first query returned 1000 rows. The second query returned 1000 rows. The third query returned 0 rows. The fourth query returned 0 rows. The fifth query returned 1000 rows.

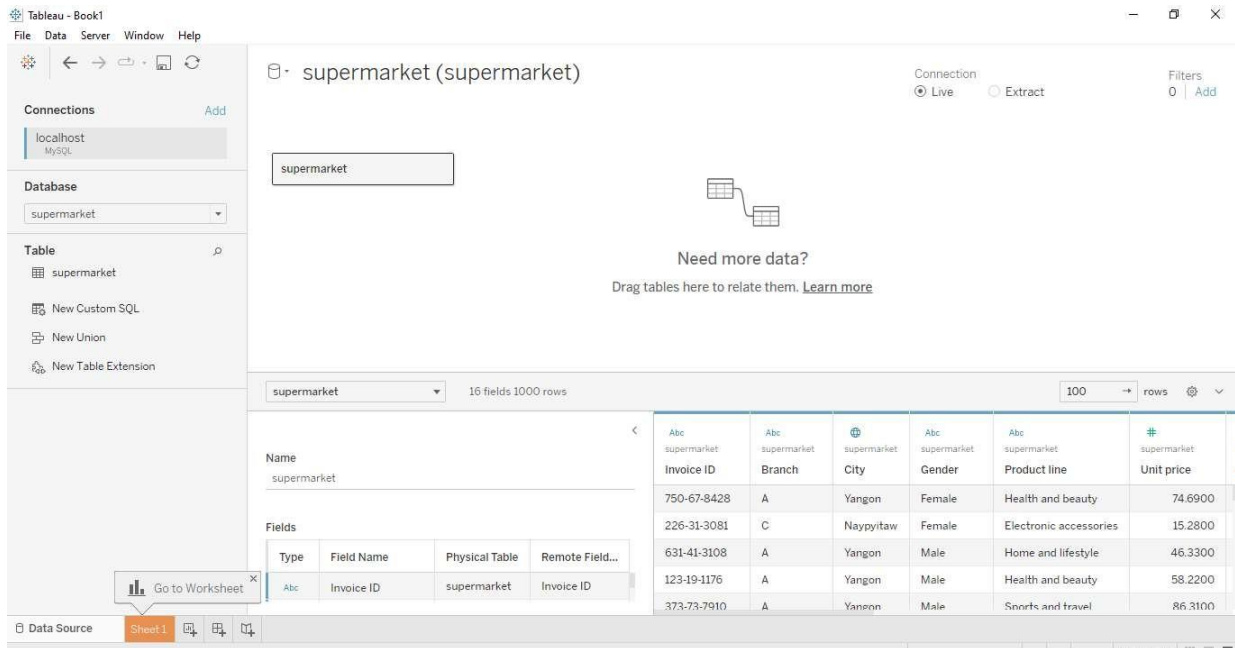
The 'Information' window shows the 'Action Output' for the queries:

| # | 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 |

The 'Table: supermarket' window shows the 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, Rating.

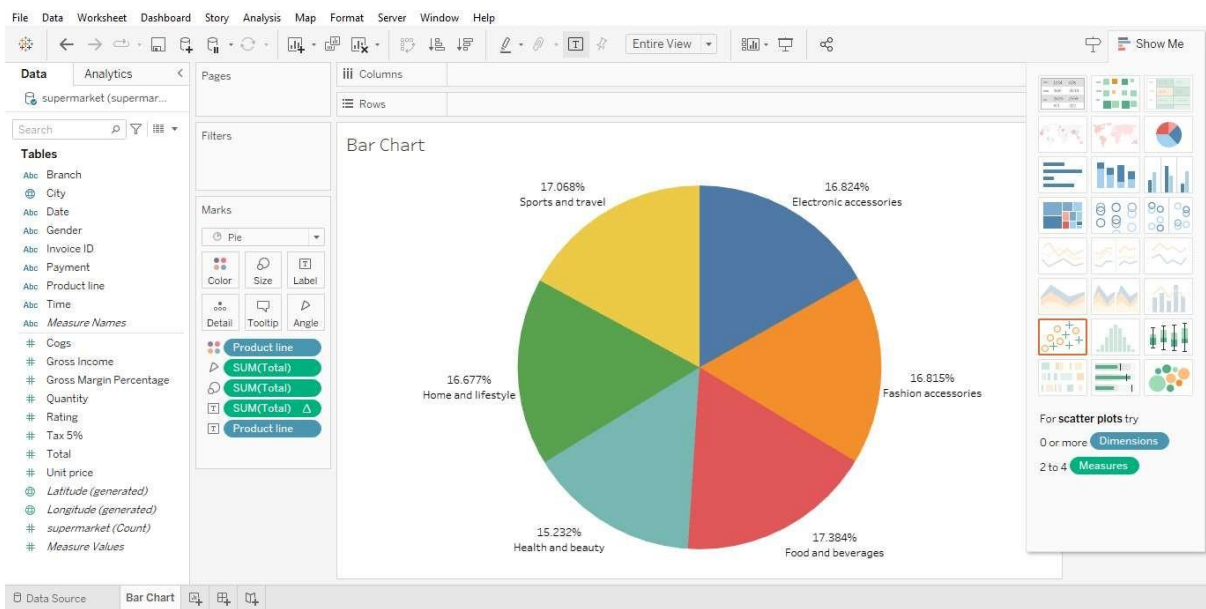


2. LINKING TABLEAU WITH MY SQL:

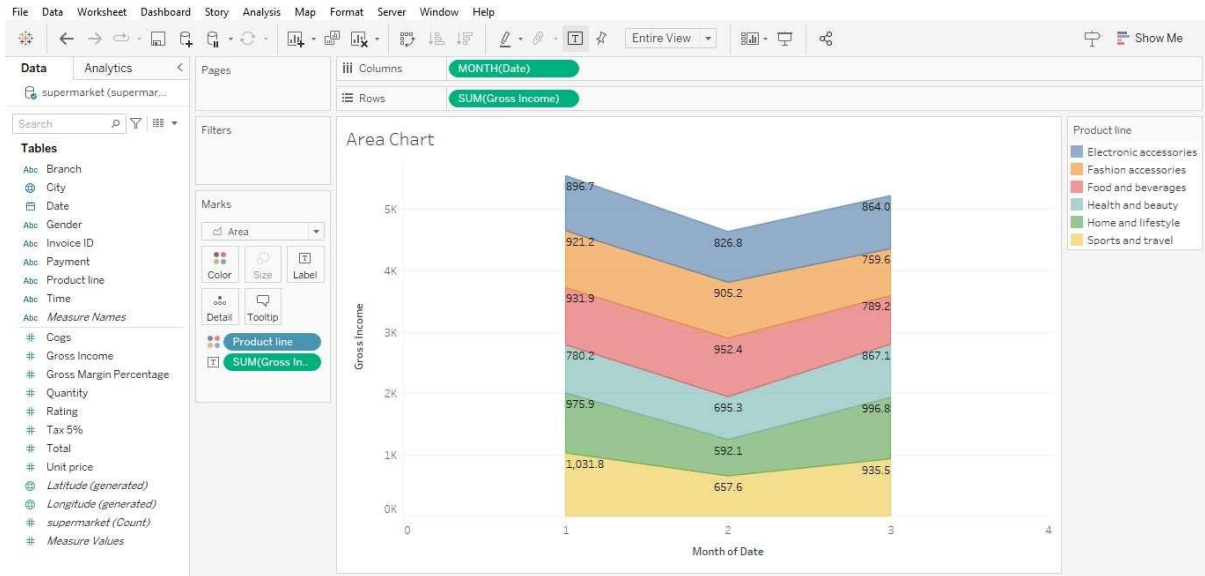


EXPLORATION AND VISUALIZATION:

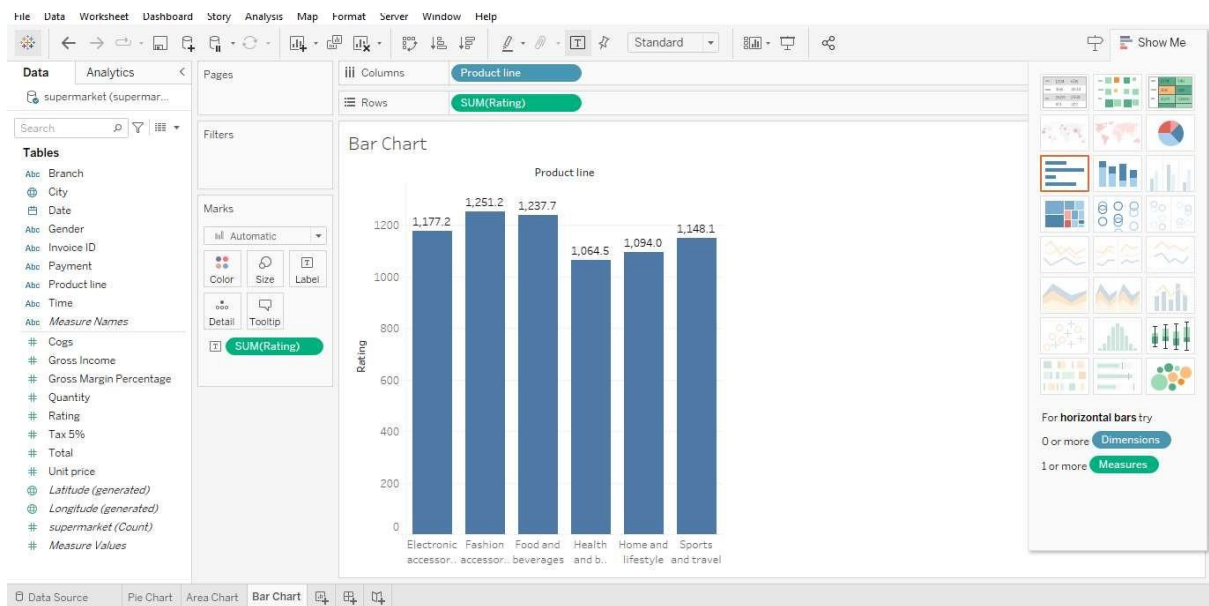
1. PIE CHART:



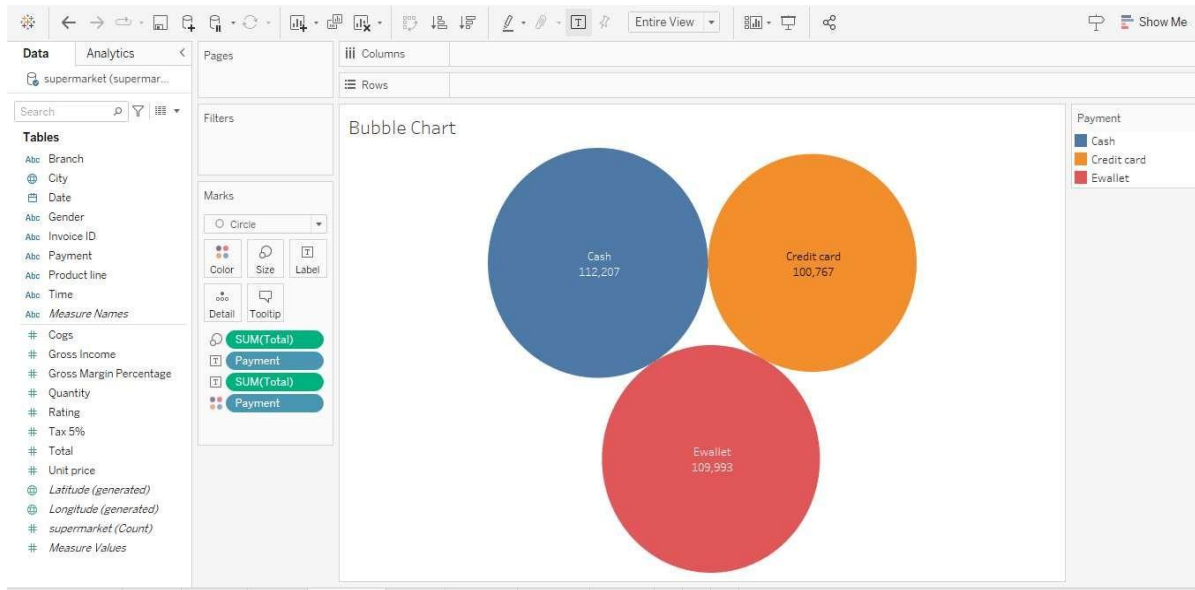
2. AREA CHART:



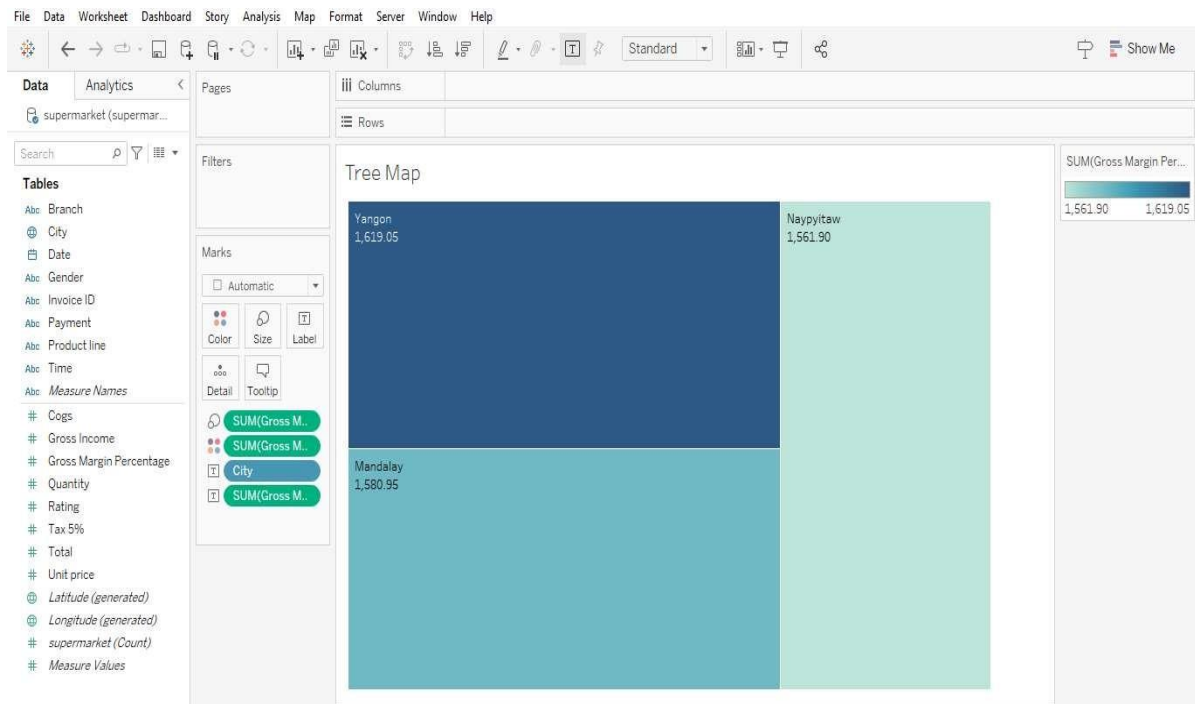
3. BAR CHART:



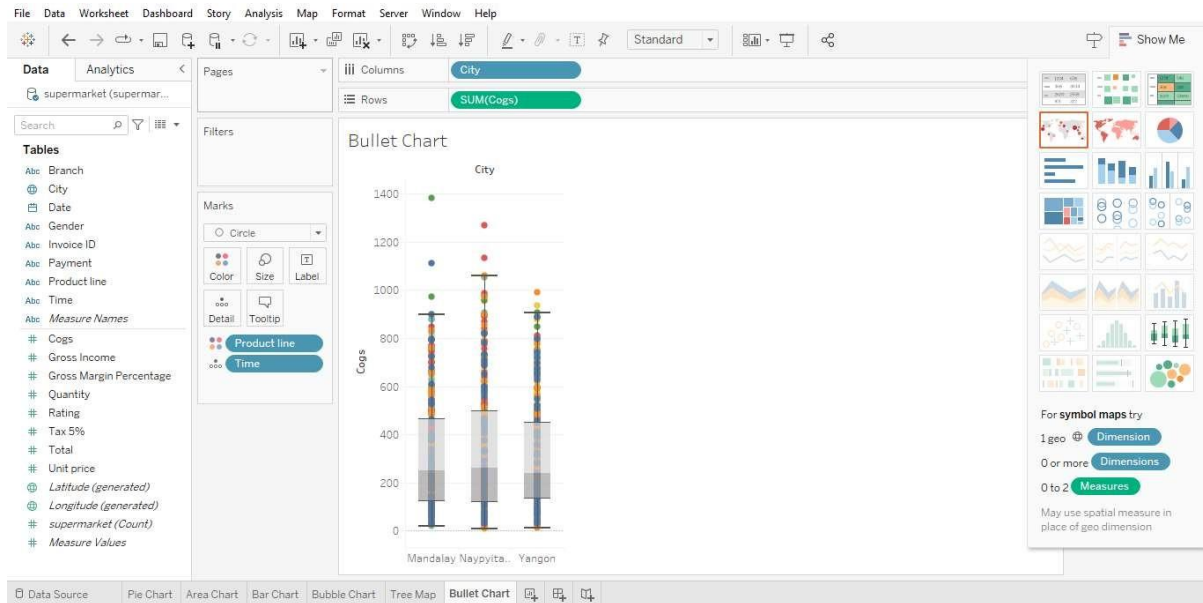
4. BUBBLE CHART:



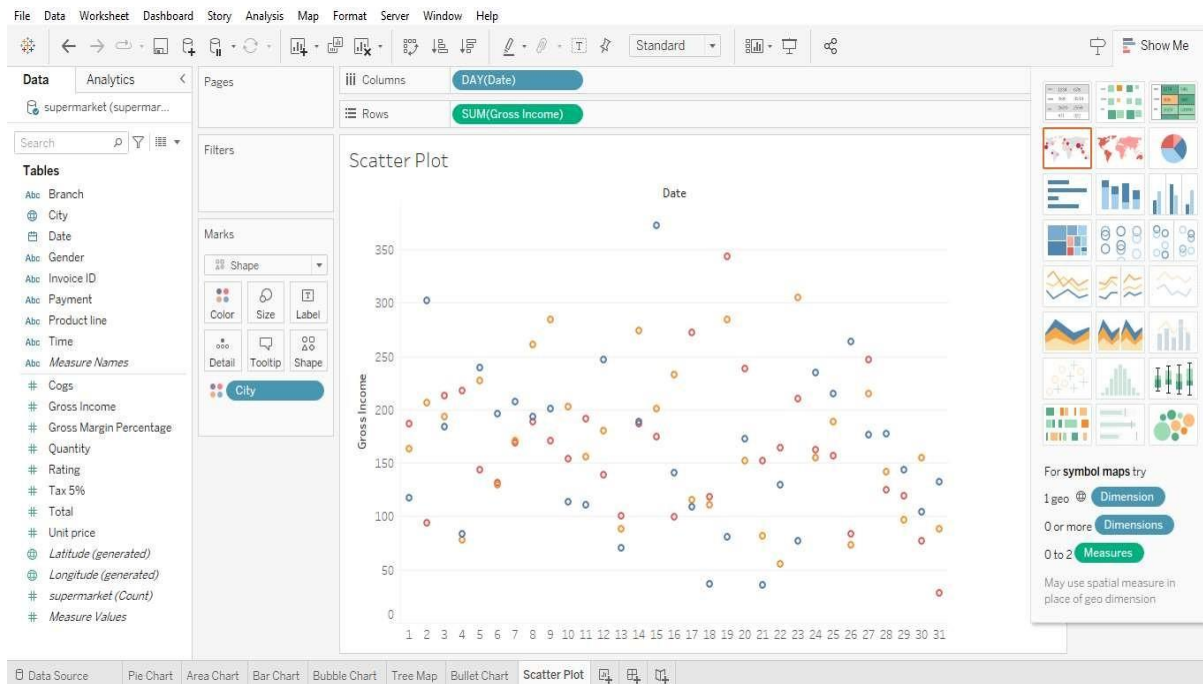
5. TREE MAP:



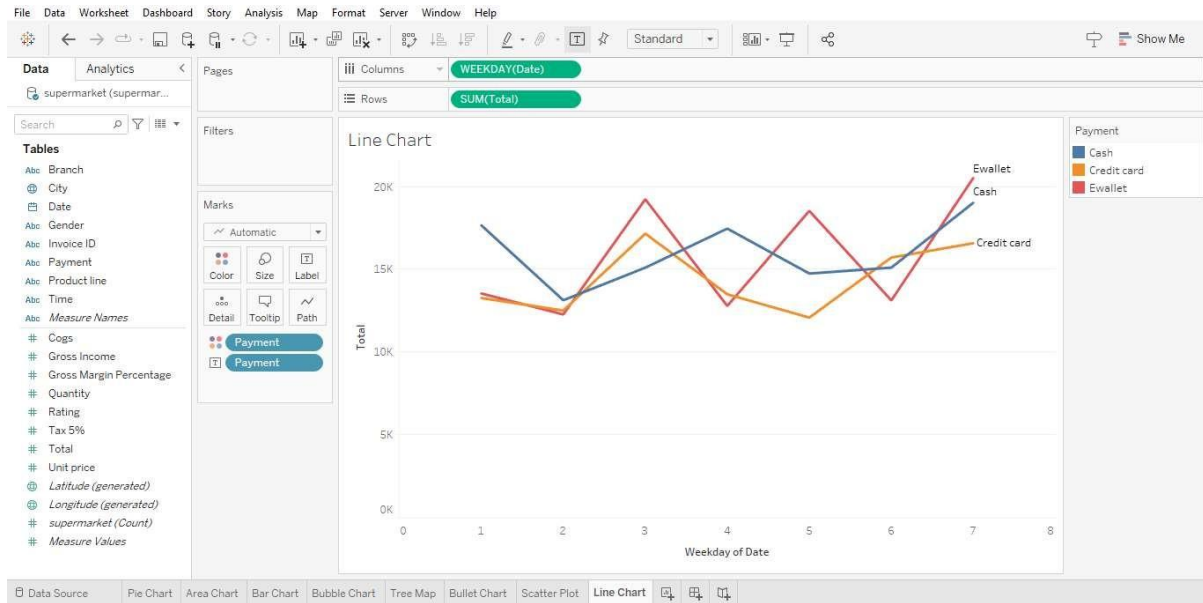
6. BULLET CHART:



7. SCATTER PLOT:



8. LINE CHART:



9. STACKED BAR CHART:

