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DATA ANALYTICS WITH TABLEAU ASSIGNMENT-3

1. UPLOADING DATASET IN MYSQL & DELETING UNNECESSARY COLUMNS:

The screenshot displays the MySQL Workbench interface. The 'Query 1' tab is active, showing the following SQL queries:

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

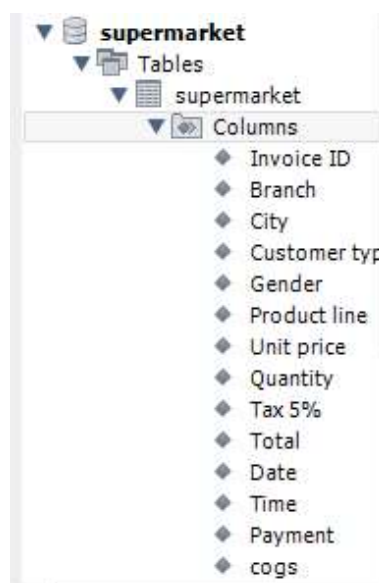
The 'Result Grid' shows the output of the queries. The first query returned 1000 rows. The second query returned 1000 rows. The third query returned 0 rows. The fourth query returned 0 rows. The fifth query returned 1000 rows.

The 'Schemas' pane on the left shows the 'supermarket' database with the following columns:

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

The 'Output' pane at the bottom 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



2. LINKING TABLEAU WITH MY SQL:

Tableau - Book1

File Data Server Window Help

Connections Add

localhost MySQL

Database supermarket

Table supermarket

New Custom SQL

New Union

New Table Extension

supermarket (supermarket)

Connection Live Extract

Filters 0 Add

supermarket

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

supermarket 16 fields 1000 rows

100 rows

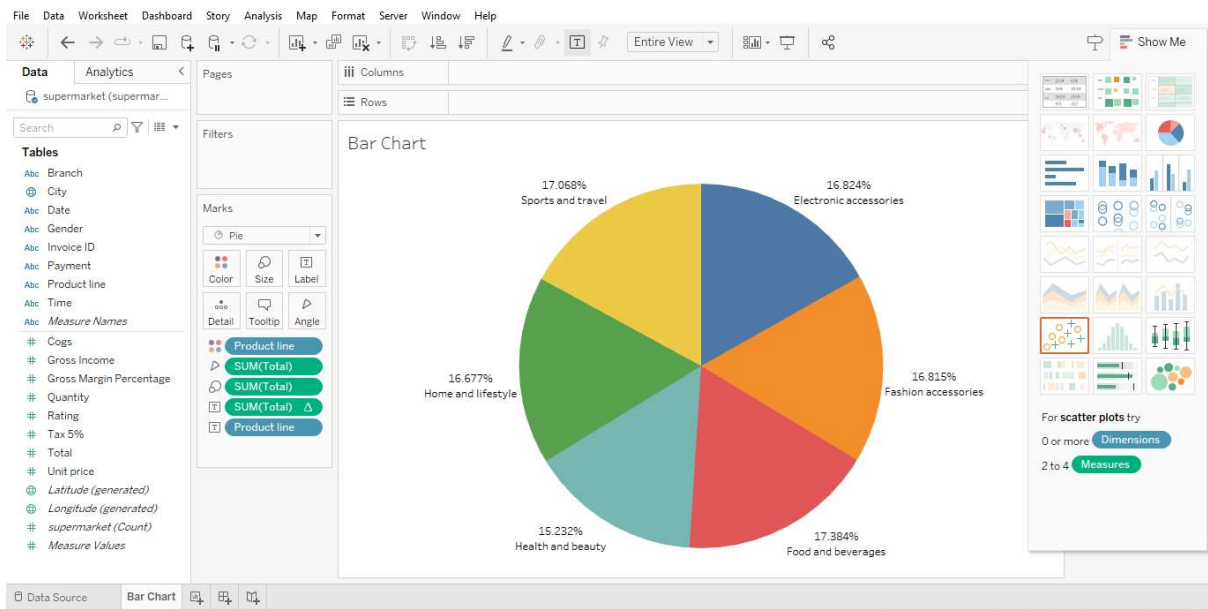
Invoice ID	Branch	City	Gender	Product line	Unit price
750-67-8428	A	Yangon	Female	Health and beauty	74.6900
226-31-3081	C	Naypyitaw	Female	Electronic accessories	15.2800
631-41-3108	A	Yangon	Male	Home and lifestyle	46.3300
123-19-1176	A	Yangon	Male	Health and beauty	58.2200
373-73-7910	A	Yangon	Male	Sports and travel	86.3100

Go to Worksheet

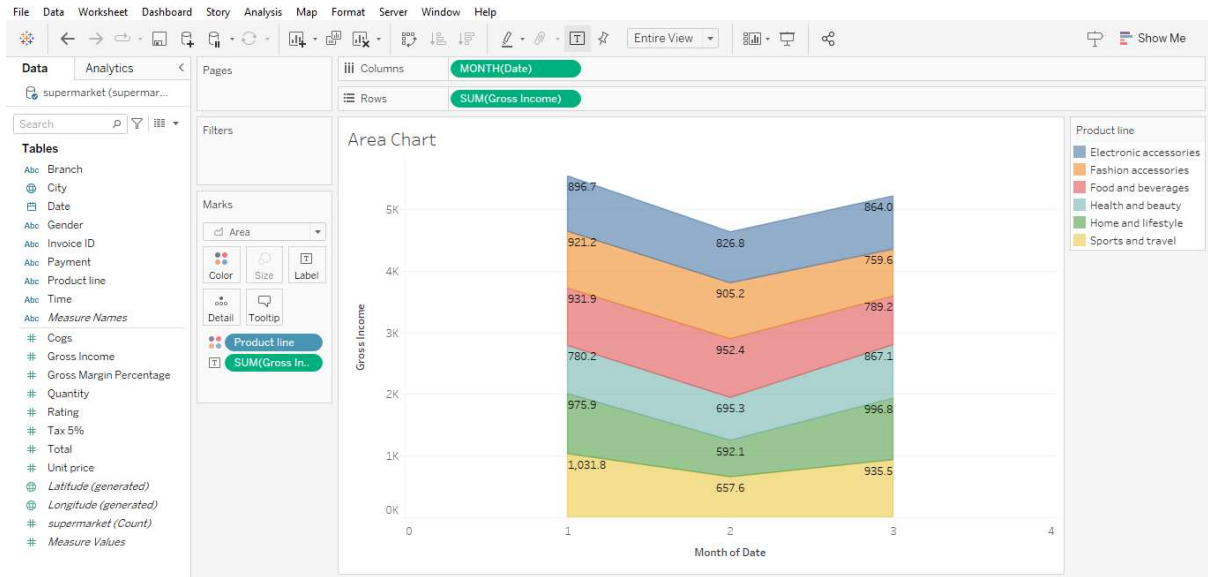
Data Source Sheet1

EXPLORATION AND VISUALIZATION:

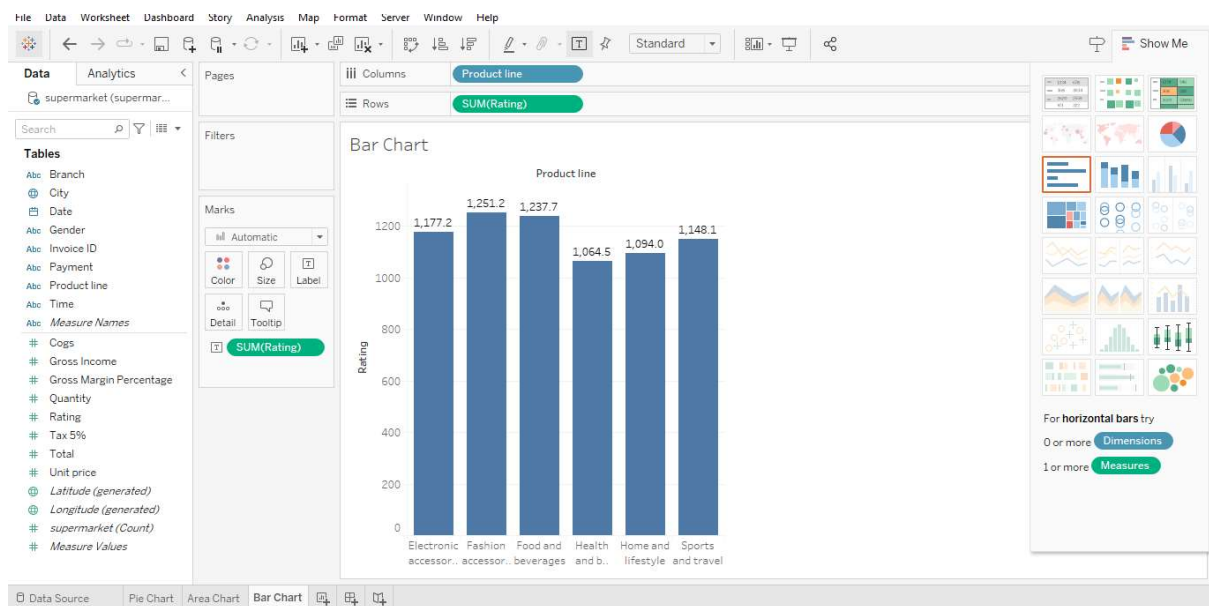
1. PIE CHART:



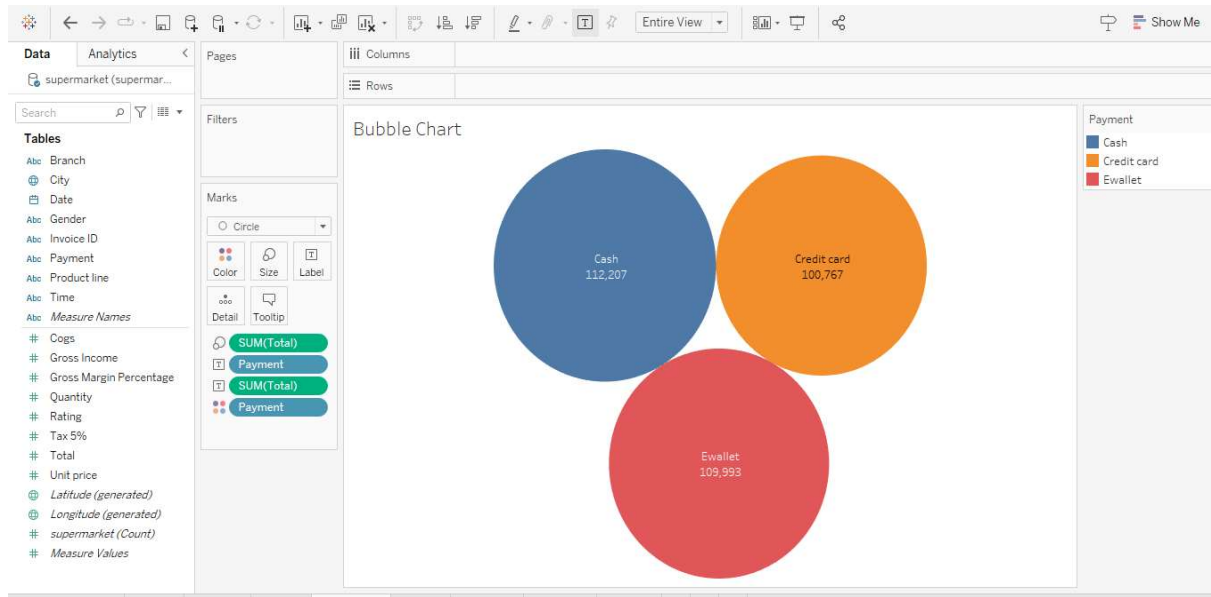
2. AREA CHART:



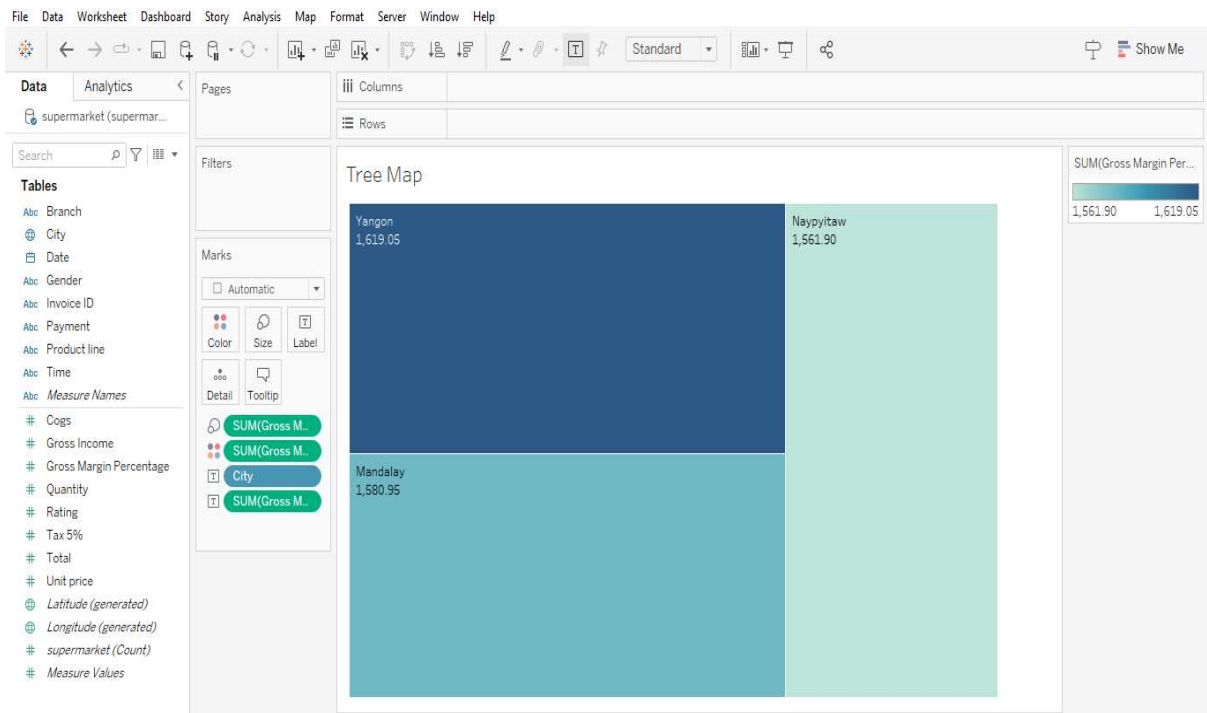
3. BAR CHART:



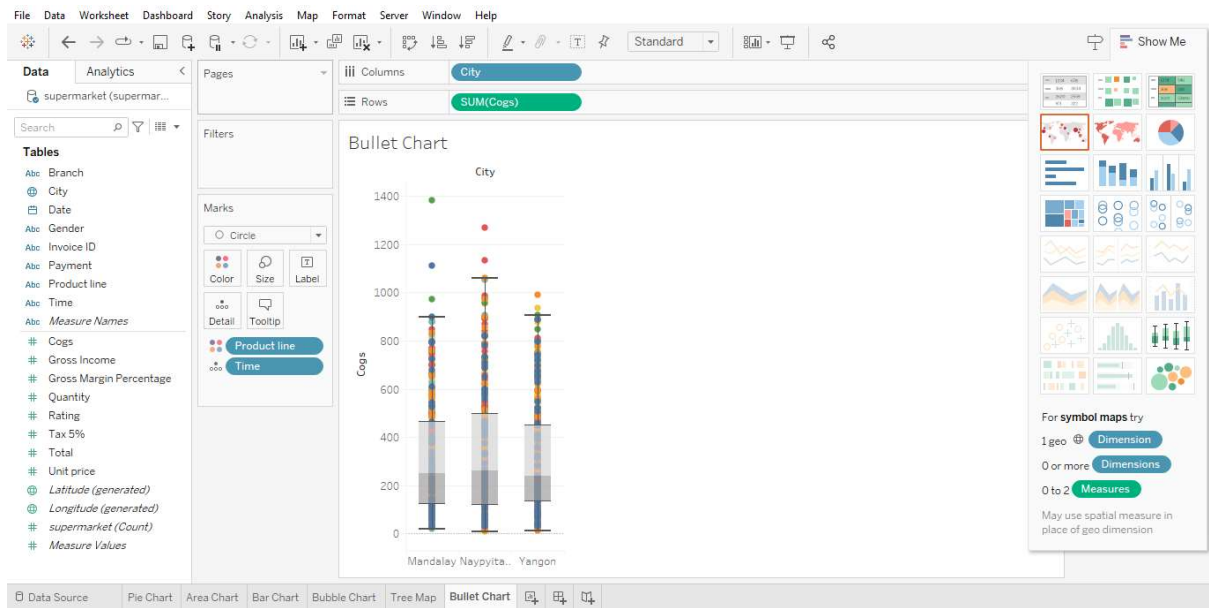
4. BUBBLE CHART:



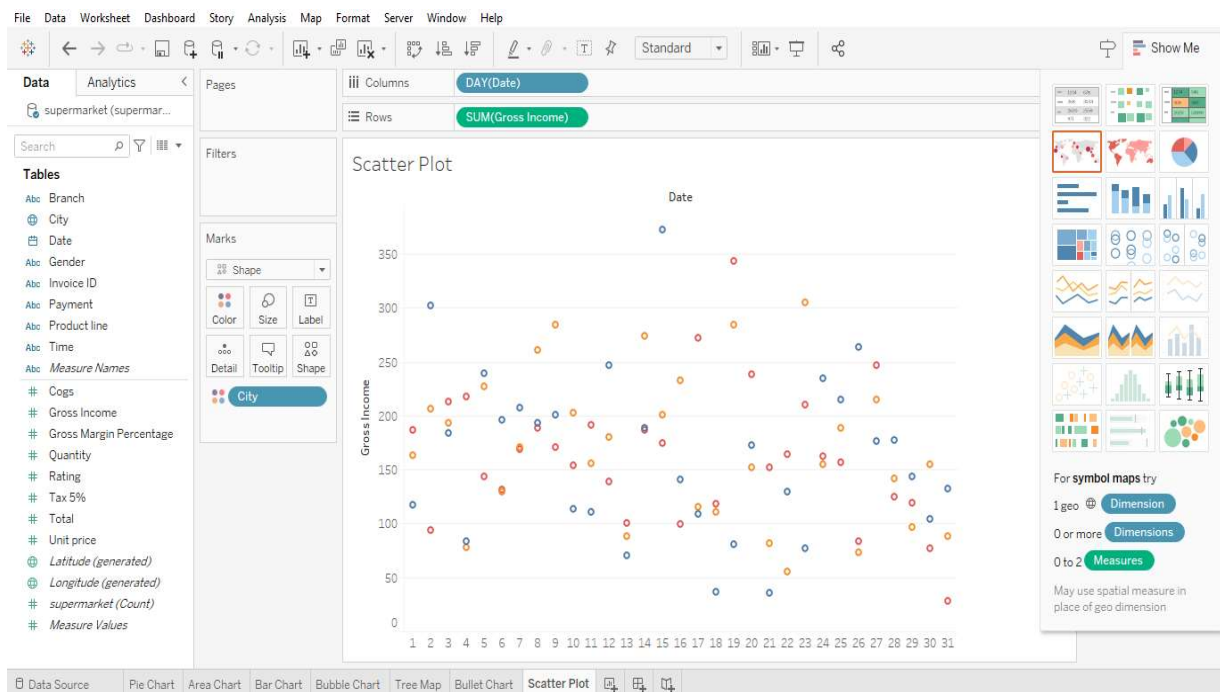
5. TREE MAP:



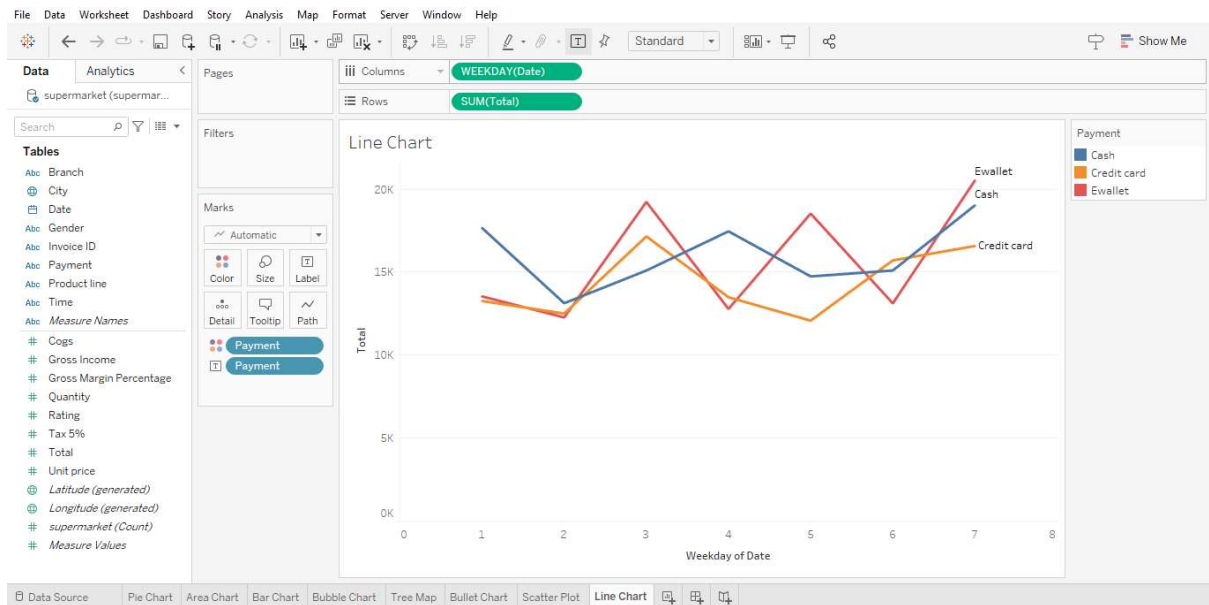
6. BULLET CHART:



7. SCATTER PLOT:



8. LINE CHART:



9. STACKED BAR CHART:

