

# DATA ANALYTICS WITH TABLEAU

## ASSIGNMENT-3

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### 1) Uploading superstore dataset in mysql

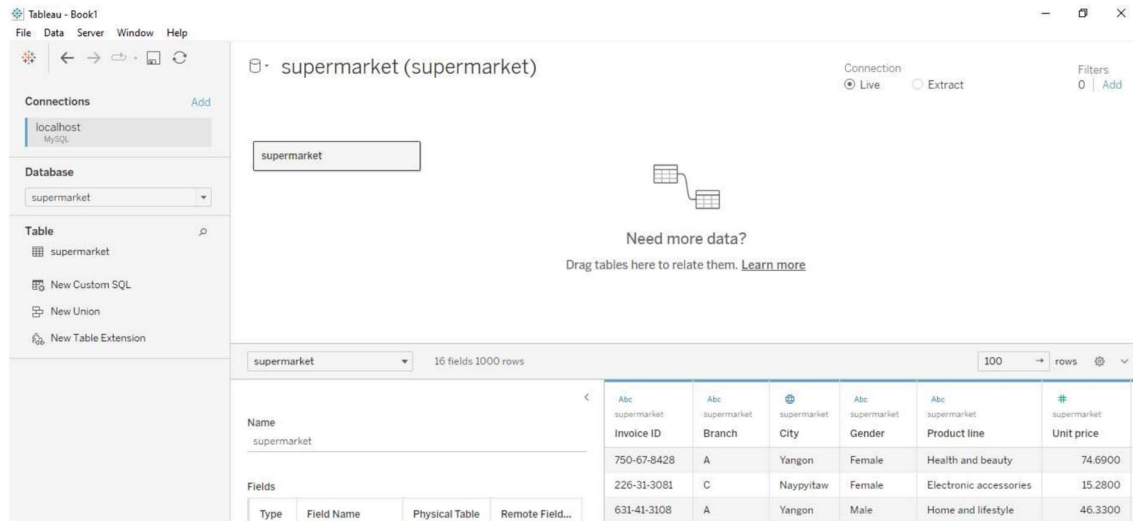
The screenshot displays the MySQL Workbench interface. The top pane shows a SQL script with five queries: 1. 'use supermarket;', 2. 'select \* from supermarket;', 3. (blank), 4. 'alter table supermarket', and 5. 'drop column `Customer type`'. The bottom pane shows the 'Output' tab with 'Action Output' selected, displaying the execution results of these queries. The 'Result Grid' above the output shows a table with columns: 'ne', 'Unit price', 'Quantity', 'Tax 5%', 'Total', 'Date', 'Time', 'Payment', 'cogs', 'gross margin percentage', 'gross income', and 'Rating'. The 'Action Output' table has columns: '#', 'Time', 'Action', 'Message', and 'Duration / Fetch'. The messages indicate that the 'use supermarket' query was successful, the 'select \* from supermarket' query returned 1000 rows, and the 'alter table supermarket drop column `Customer type`' query was successful.

#	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) Columns of superstore dataset

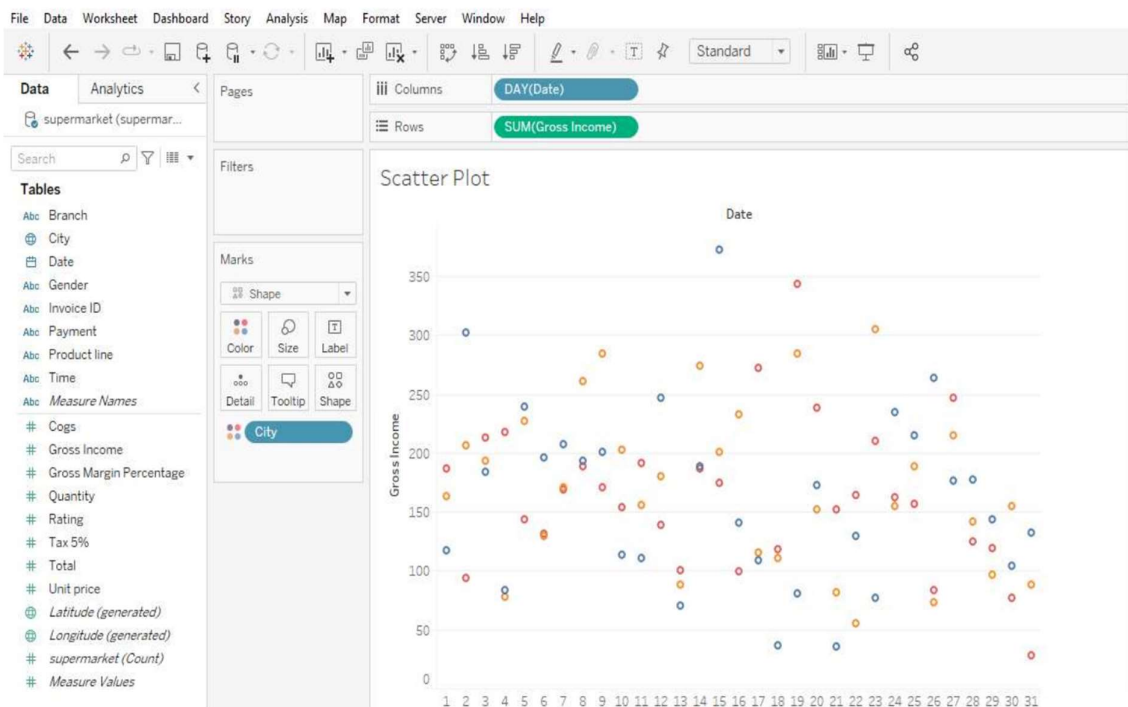
The screenshot shows the 'SCHEMAS' pane in MySQL Workbench. The 'Filter objects' search bar is empty. The tree view shows the following structure: 'me' (database) -> 'sample' (database) -> 'superstore' (database) -> 'Tables' -> 'supermarket\_sales' -> 'Columns'. The columns listed under 'supermarket\_sales' are: Invoice ID, Branch, City, Customer type, Gender, Product line, Unit price, Quantity, Tax 5%, Total, Date, Time, Payment, cogs, gross margin, gross income, and Rating. The 'Indexes' and 'Foreign Keys' sections are also visible but empty.

### 3) LINKING TABLEAU WITH MY SQL

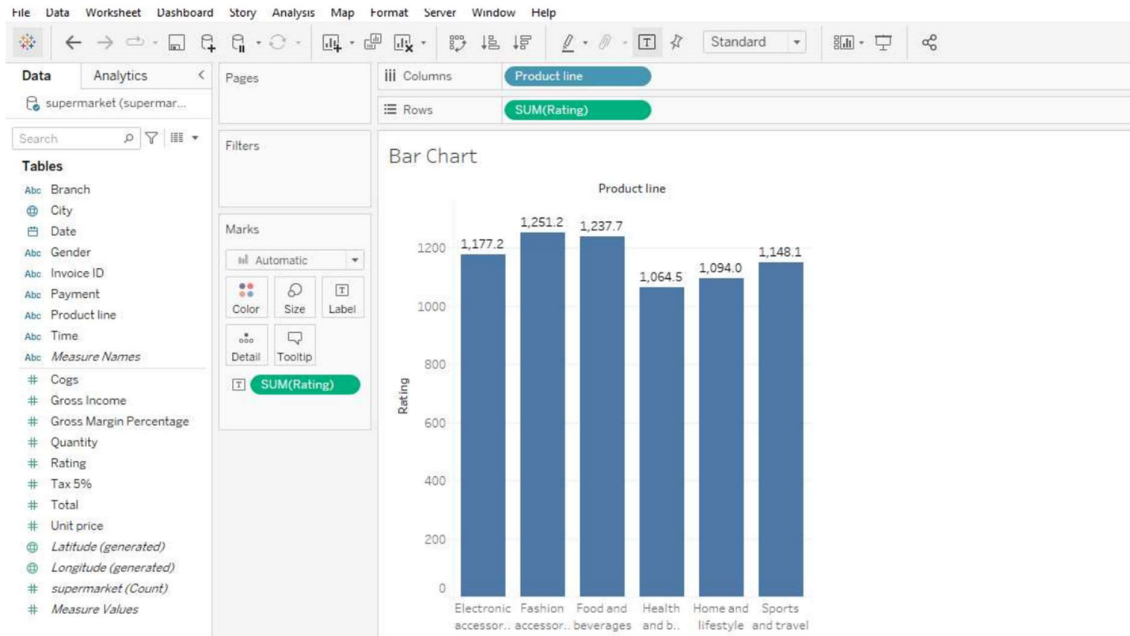


## VISUALIZATION

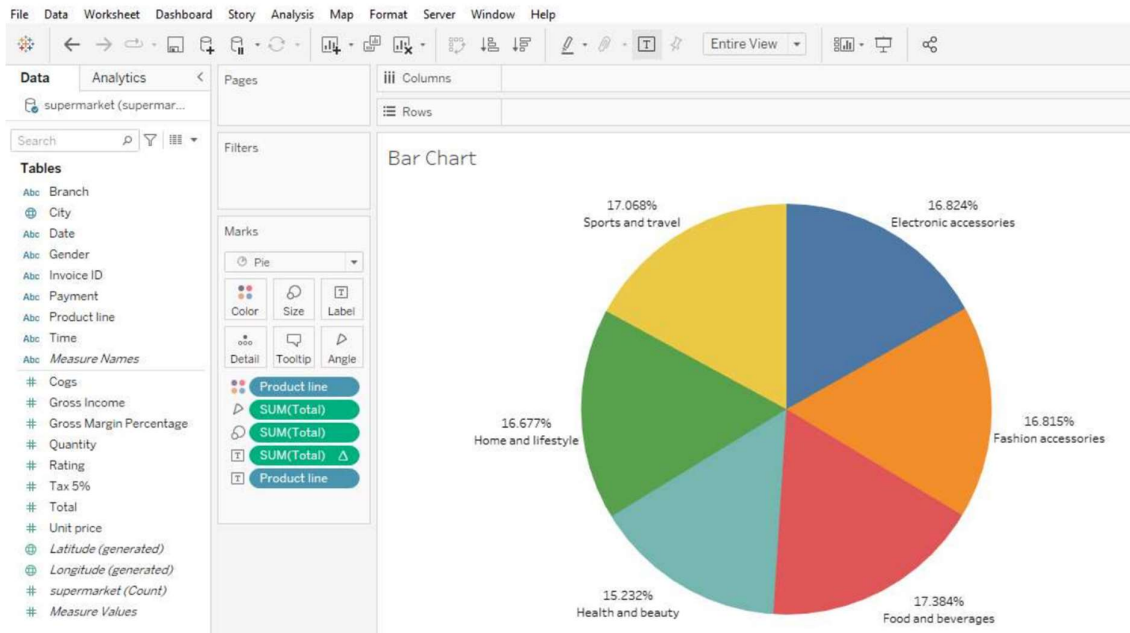
### SCATTER PLOT



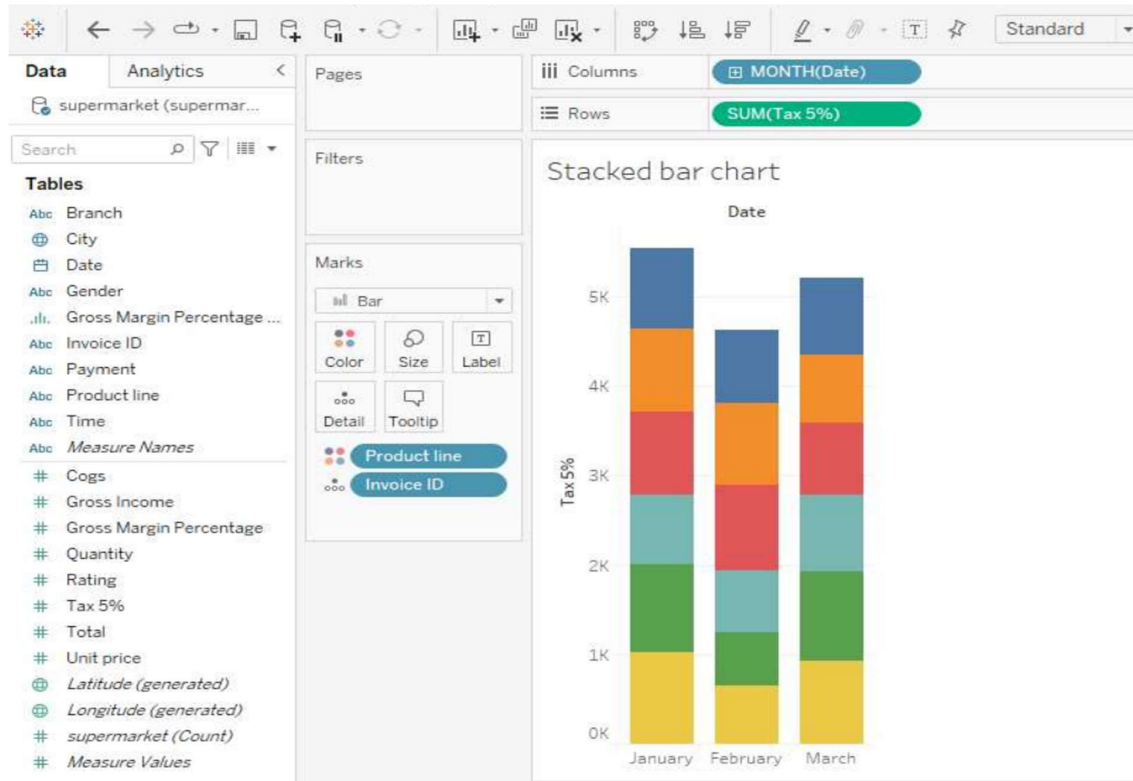
## BAR CHART



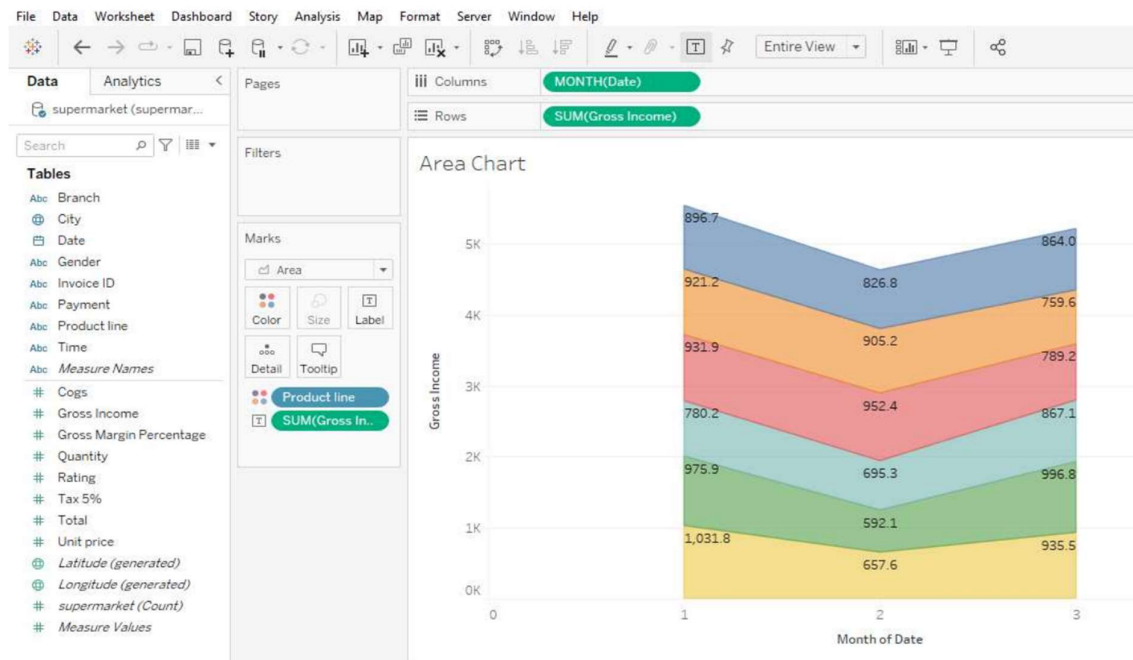
## PIE CHART



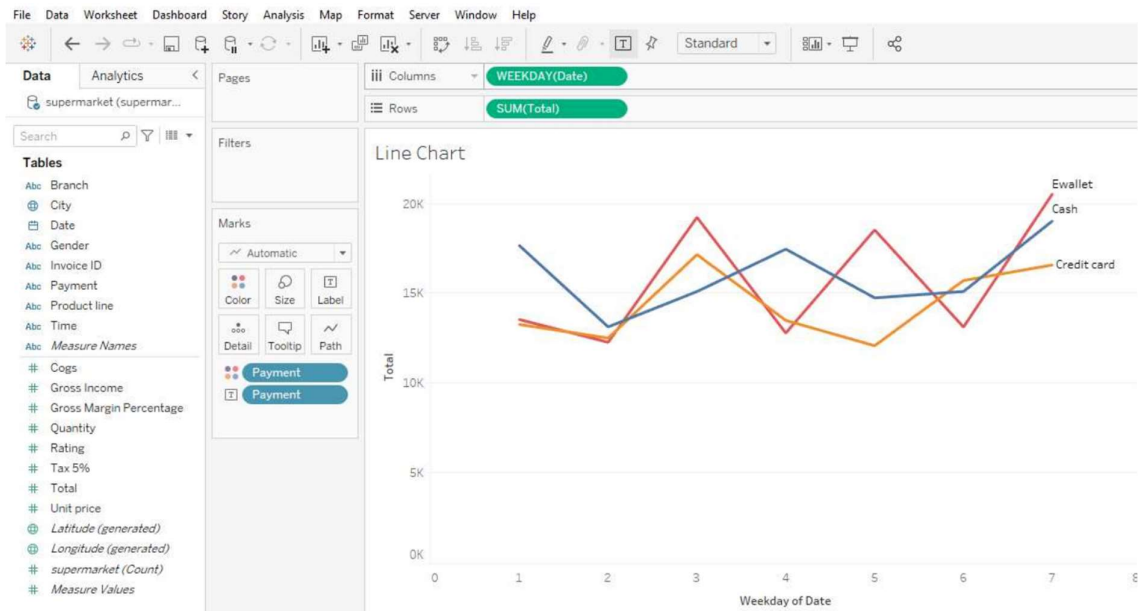
## STACKED BAR CHART



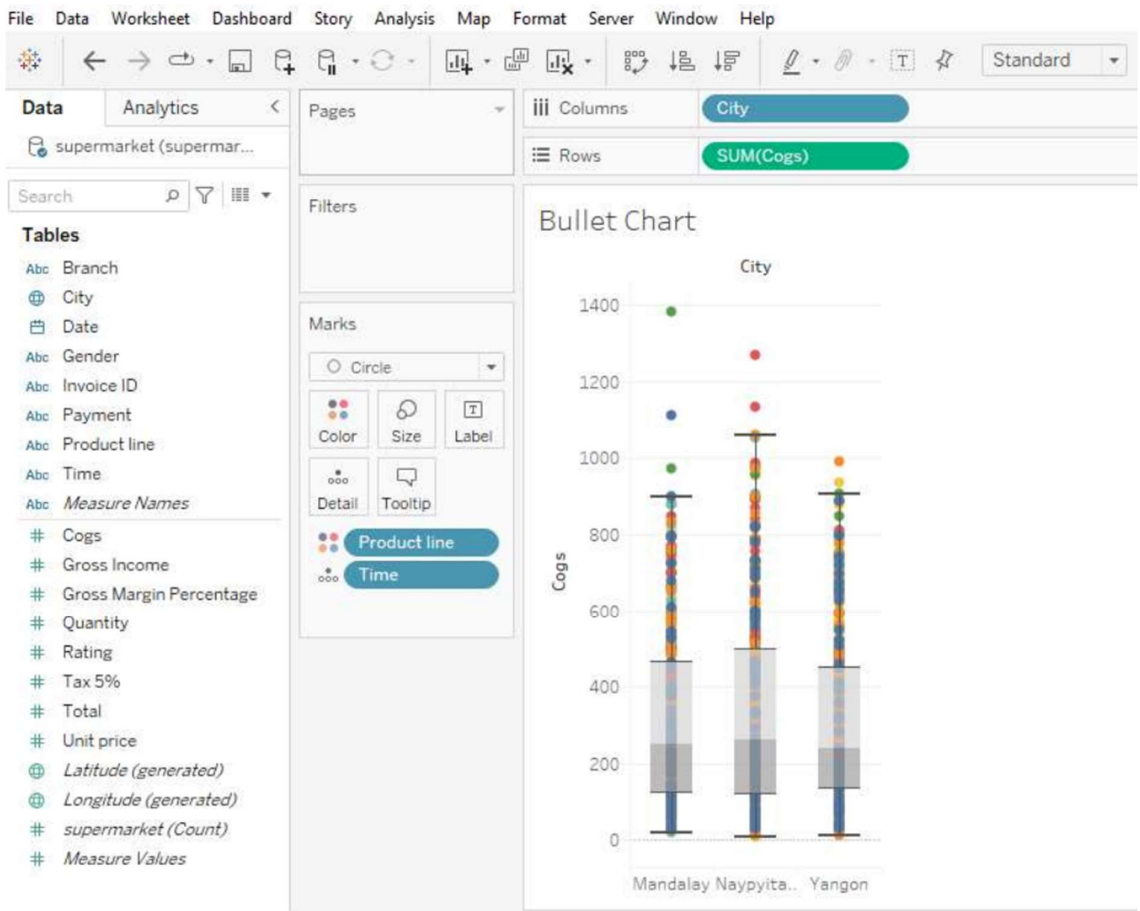
## AREA CHART



## LINE CHART



## BULLET CHART



# BUBBLE CHART

