

DA Assignment - 3

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Assignment:

The growth of supermarkets in most populated cities is increasing and market competitions are also high. The dataset is one of the historical sales of supermarket company which has recorded in 3 different branches for 3 months data. Predictive data analytics methods are easy to apply to this dataset.

Attribute information

Invoice id: Computer-generated sales slip invoice identification number Branch: Branch of supercenter (3 branches are available identified by A, B and C). City: Location of supercenters Customer type: Type of customers, recorded by Members for customers using member cards and Normal for those without member cards. Gender: Gender type of customer Product line: General item categorization groups - Electronic accessories, Fashion accessories, Food and beverages, Health and beauty, Home and lifestyle, Sports and travel Unit price: The price of each product in \$ Quantity: Number of products purchased by the customer Tax: 5% tax fee for customers buying Total: Total price including tax Date: Date of purchase (Record available from January 2019 to March 2019) Time: Purchase time (10 am to 9 pm) Payment: Payment used by the customer for the purchase (3 methods are available – Cash, Credit card and Ewallet) COGS: Cost of goods sold Gross margin percentage: Gross margin percentage Gross income: Gross income Rating: Customer stratification rating on their overall shopping experience (On a scale of 1 to 10)

Dataset Challenge:

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

EXPLORATION AND VISUALIZATION:

Tableau - Book1

File Data Server Window Help

Connections Add

localhost MySQL

Database 1st

Table

- sample - superstore
- supermarket1
- supermarket_sales - sheet1
- superstore
- New Custom SQL
- New Union
- New Table Extension

supermarket1 (1st)

Connection ☒ Live ☐ Extract Filters 0 Add

supermarket1

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

supermarket1

rows

Invoice ID	Branch	City	Customer type	Gender	Product line	Unit price	Quantity
Abc	supermarket1	supermarket1	supermarket1	supermarket1	supermarket1	supermarket1	supermarket1

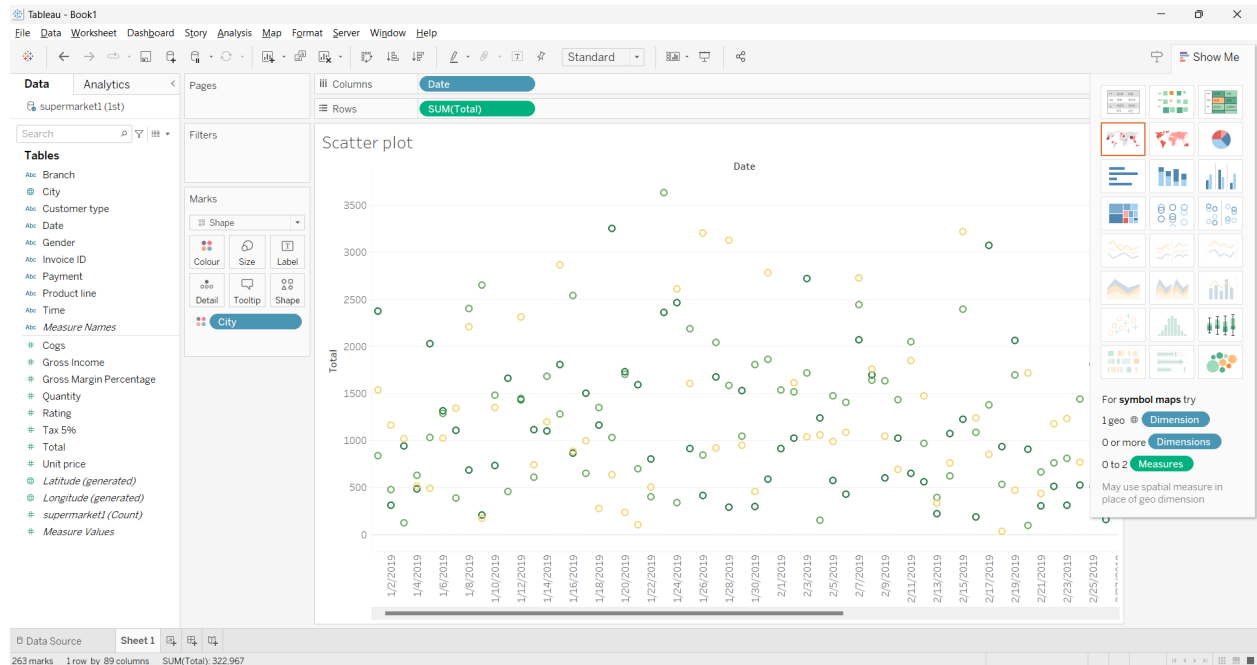
Update Now

Update Automatically

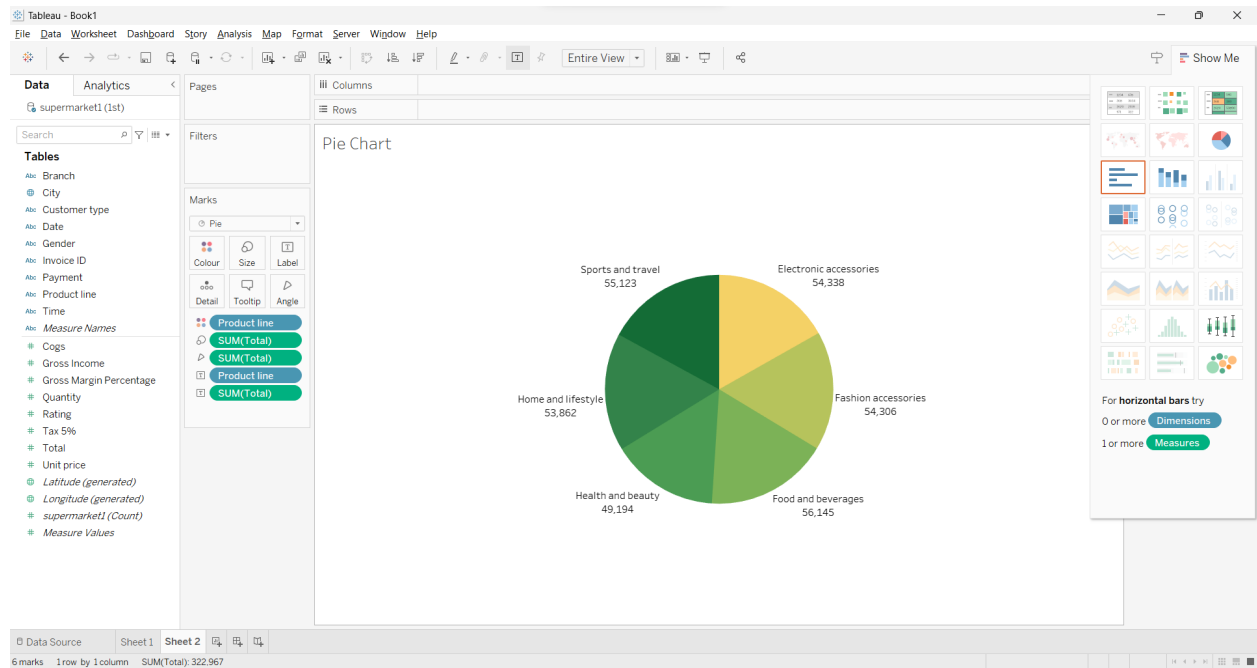
Go to Worksheet

Data Source Sheet 1

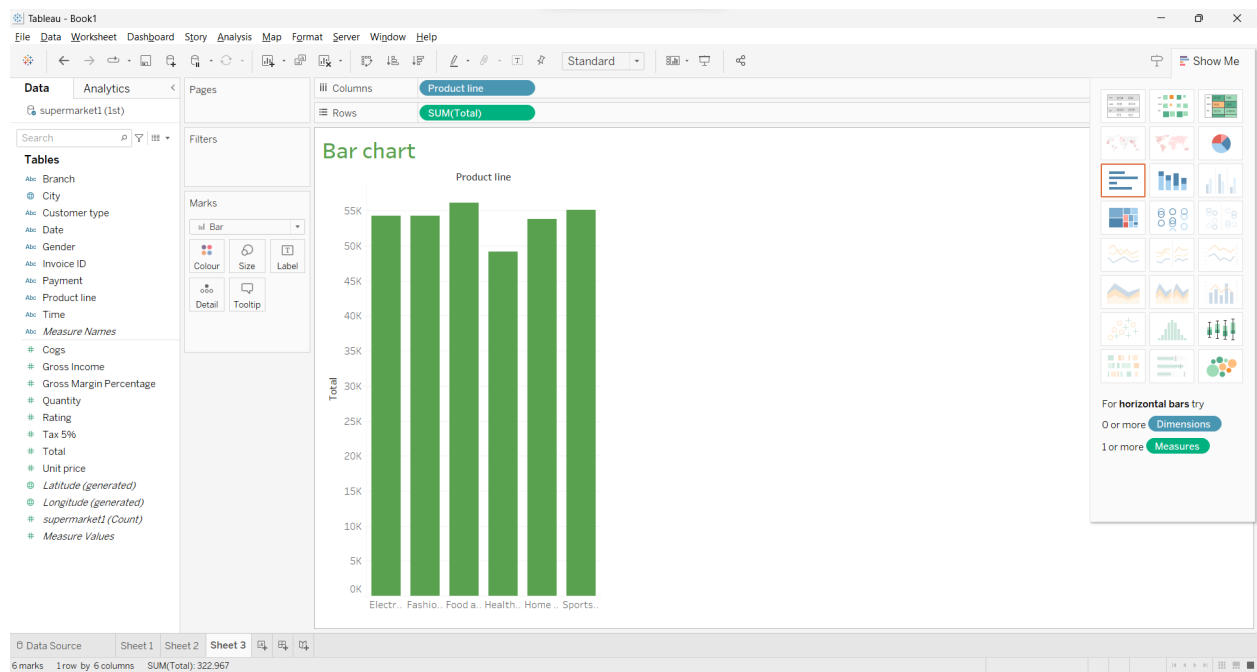
1. Scatter plot



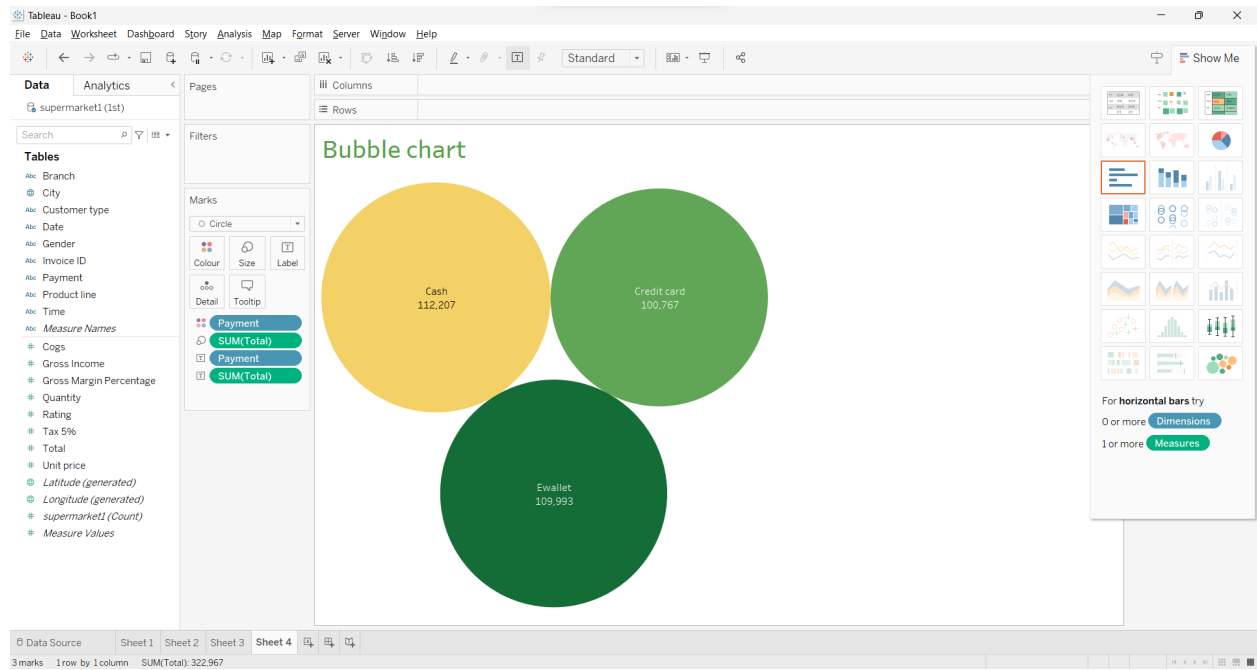
2. Pie chart



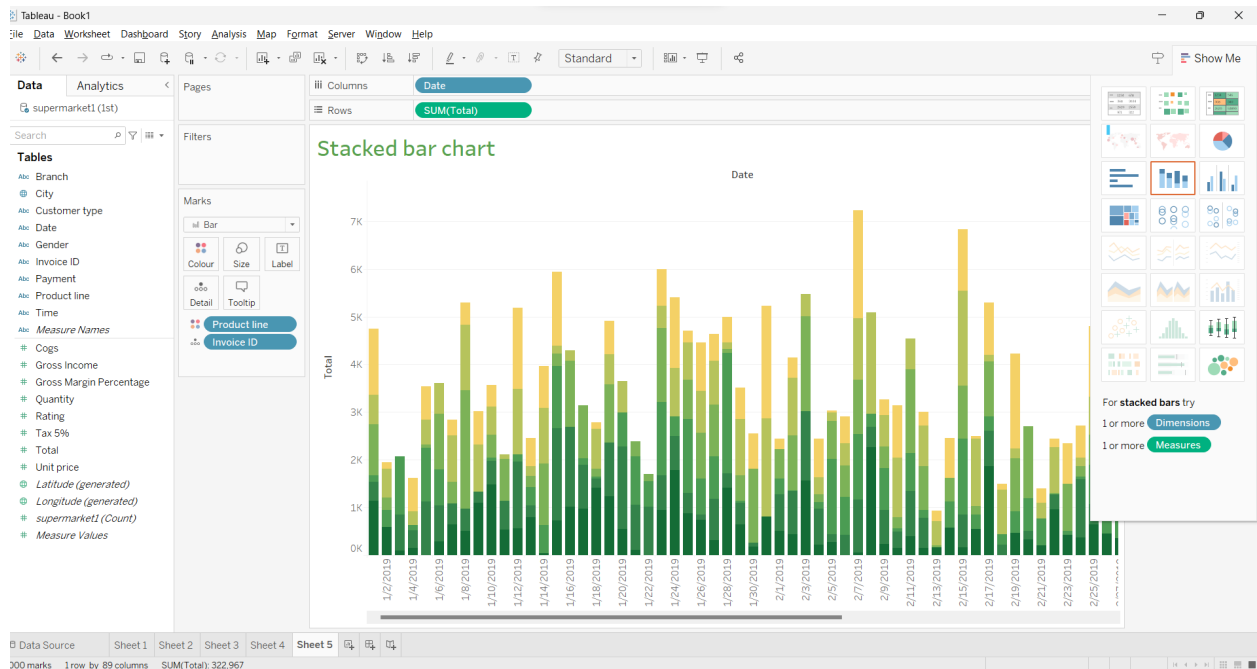
3. Bar chart



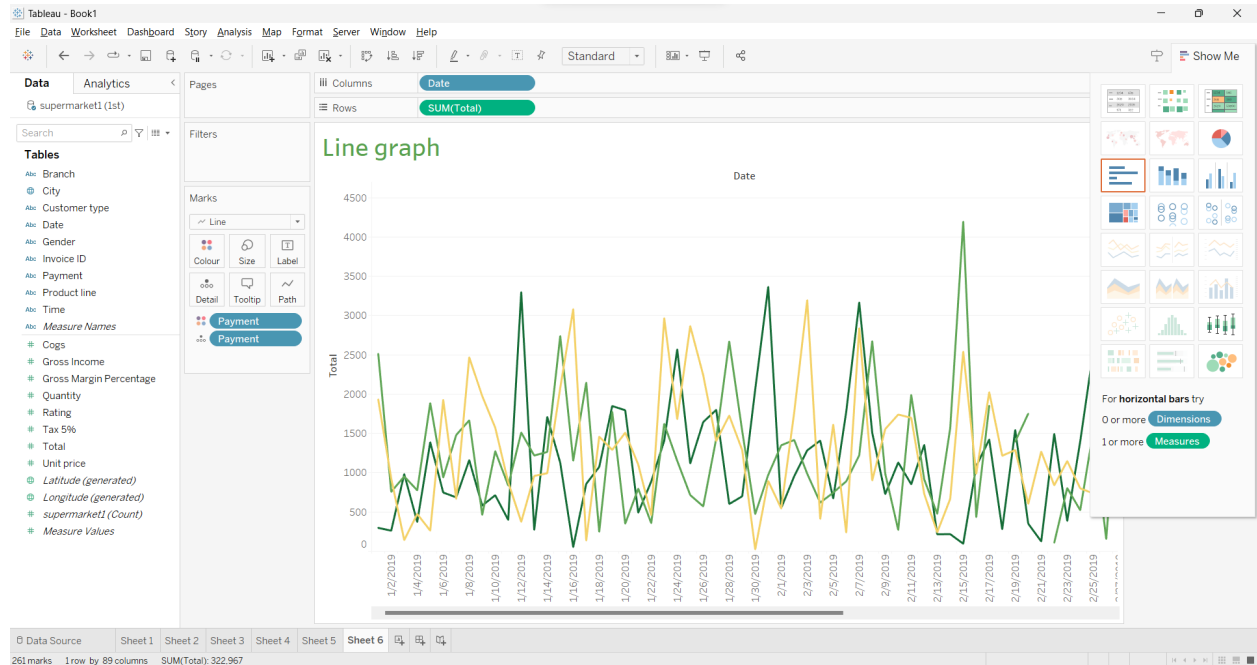
4. Bubble chart



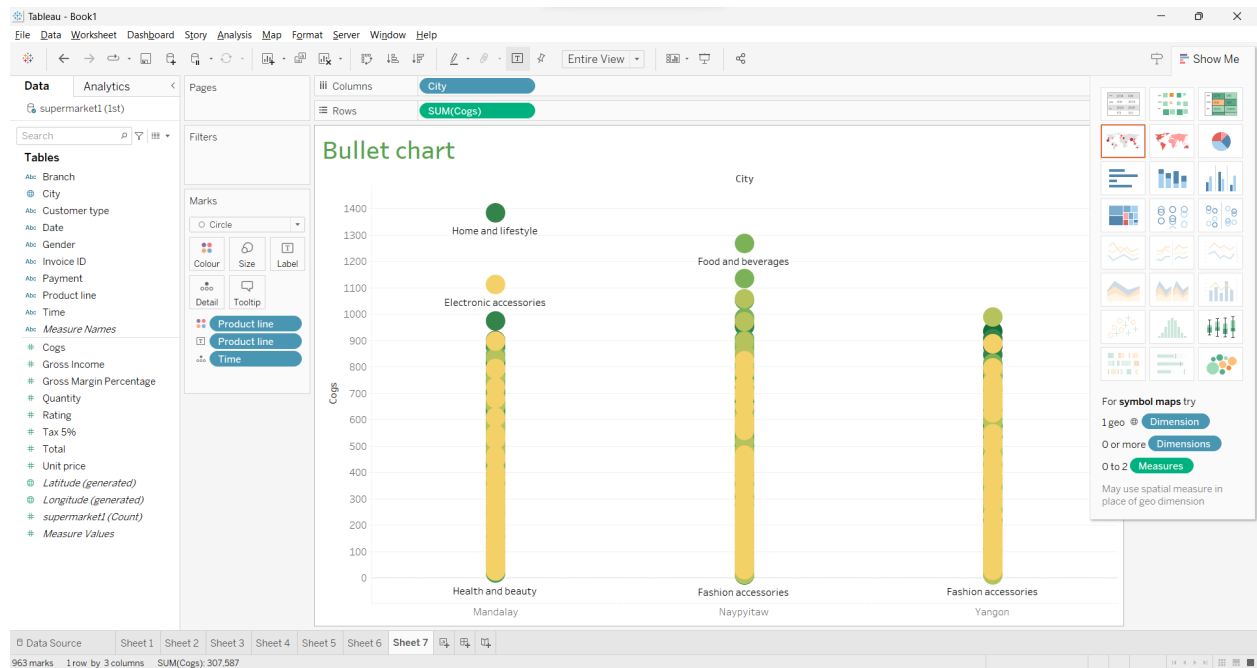
5. Stacked bar chart



6. Line graph



7. Buller chart



8.Area chart

