

# DA Assignment - 1

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## Assignment Overview

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.

## 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 experience (scale of 1 to 10)

## Task

Upload the dataset to Tableau, delete the unnecessary columns

Create below Visualisation:

- Bar Chart
- Pie Chart
- Stacked Bar Chart
- Line Chart
- Bubble Chart