# Supermarket sales

Dataset: The dataset contains sales information including the date of sale, unit price, quantity sold

Objective: explore and visualize the sales data from a supermarket to uncover insights and patterns that can help understand the business performance better.

Requirements:

* Data Exploration and Wrangling:
  + Explore data and determine numeric and categorical columns.
  + Check if the data contains null and handle it.
  + Check if there is a need to change column data type or add any new needed columns.
* Data Analysis to check:
  + Univariate Analysis: Numeric columns and Category columns, “record your findings”.
  + Understand customer satisfaction levels by checking distribution of customer ratings, “record your findings”.
  + Check how tax impacts the income, “record your findings”.
  + Illustrates how the number of units sold affects the total cost of goods, “record your findings”.
  + Show top 1 product line per city.
  + Show top 2 products per gender.