Group Name: Team Rocket
Project Name: Retail Forecasting
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Company: DataGlacier
Batch Code: LISUM26
Specialization: Data Science

Problem: X is a company that has a beverages business in Australia. They sell their products through various super-markets & also engage in heavy promotions throughout the year. Their demand is influenced by various factors like holidays & seasonality. They need a forecast for each of their products at the item level in weekly buckets.

Business Understanding: The objective is to build a multivariate machine learning model that will be able to forecast sales weekly. The data that is required to build the model may need to be re-coded so that the dates are in weekly buckets.

Project LifeCycle:
Understanding of the problem -> Data understanding -> Cleaning the data -> Exploratory data analysis -> EDA presentation/model selection -> Building the model -> Model presentation
<Deadlines>
- November 19, 2023
    - This pdf, Data intake report, GitHub repository link
- November 26, 2023
    - PDF of data understanding, explaining the following: Type of data, Problems in data, Approach to overcome problems in data, GitHub repository link
- December 2, 2023
    - At least two techniques to clean the data saved on a ipynb file, GitHub repository link
- December 9, 2023
    - Exploratory data analysis, GitHub repository link
- December 16, 2023
    - EDA presentation, model recommendation, GitHub repository link
- December 23, 2023
    - Model benchmarking, GitHub repository link
- December 30, 2023
    - Model presentation, GitHub repository link