Stock Forecast

## Group 3 & 4

Accurate and timely forecast in retail business drives success. It is an essential enabler of supply and inventory planning, product pricing, promotion, and placement.

Using regression model to predict sales based on Walmart historical data.

**Input**

* Walmart - stores.csv
* Walmart - train - Copy.csv

**Walmart - stores.csv**

This file contains anonymized information about the 45 stores, indicating the type and size of store.

**Walmart - train - Copy.csv**

This is the historical training data with the following fields:

* Store - the store number
* Dept - the department number
* Date - the week
* Weekly\_Sales -  sales for the given department in the given store
* IsHoliday - whether the week is a special holiday week

**Output**

* Predict sales for 45 Walmart stores located in different regions. Each store contains many departments, and we will predict sales for each department in each store.