# Group Name:

J & H Group

# Members

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Problem Description

An Australian company wants to empower their forecasting models through AL/ML.

# Business Understanding

The data of the company is time series data. For most of the retail products, there is a seasonal selling trend. Retail forecasting can help companies plan ahead and thus reduce related costs, such as inventory costs, and rentals for storages.

# Project Life Cycle Along With Deadline

* Week 7 (January 19) : Overview of the project and group formation
* Week 8 (January 26) : Data Understanding
* Week 9 (February 2): Data Cleansing using different approaches
* Week 10 (February 9): EDA coding
* Week 11 (February 16): EDA presentation and model recommendations
* Week 12 (February 23): Model Selection and Model Building
* Week 13 (February 28): Final report and code

# Data Intake Report

Name: Retail Forecasting

Report date: 19-01-2023

Internship Batch: LISUM16 Version:1.0

Data intake by: Hina Merab Asif & Jasmine Luo

Data intake reviewer: Data Glacier

Data storage location:<https://docs.google.com/spreadsheets/d/1sOTsmkY4ZeNzww_yDGePGYt1iXtZjNHb/edit#gid=721815828>

Tabular data details: Retail Forecasting

| Total number of observations | 1219 |
| --- | --- |
| Total number of files | 1 |
| Total number of features | 12 |
| Base format of the file | .xlsx |
| Size of the data | 51KB |

Proposed Approach:Forecasting through Machine Learning

# Github Repo Link

https://github.com/Hinasif/Retail-Forcasting-Group-Project-.git