

Stage 1 Fundamentals of Data Science

Group Members:

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Project Ideas:

1. Predicting Stock Prices Using Sentiment Analysis and Time Series Forecasting

The goal is to build a stock price estimator which uses past data from stock prices as well as the influence from the media such as the news. This helps in creating a strong predictor to help find out whether the stock prices will get higher, lower, or stabilise.

2. Retail Sales Prediction and Customer Segmentation

Retail sales prediction, using the data that we scraped we will use it to predict future sales and demand for product. Customer segmentation, we use the data that we scrape to cluster different type of customer which will help a business to decide their niche market.

3. Predicting weather with available data

Using statistics and data to get weather conditions. Data would be scraped from open source websites. This data will then be used to predict future weather conditions