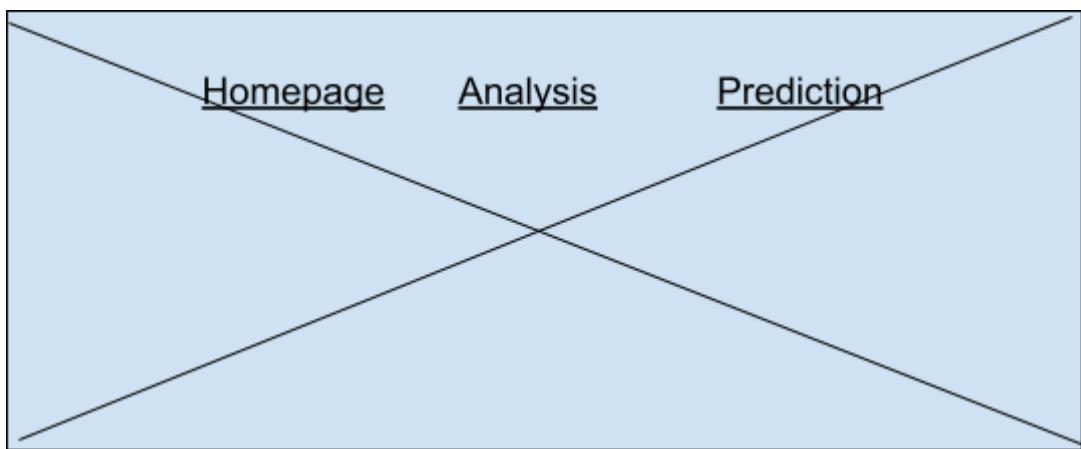


Consignment Shipping Price Prediction
Wireframe Document

Homepage

This homepage contain background image with three navigation tabs

1. Analysis
2. Prediction
3. Homepage

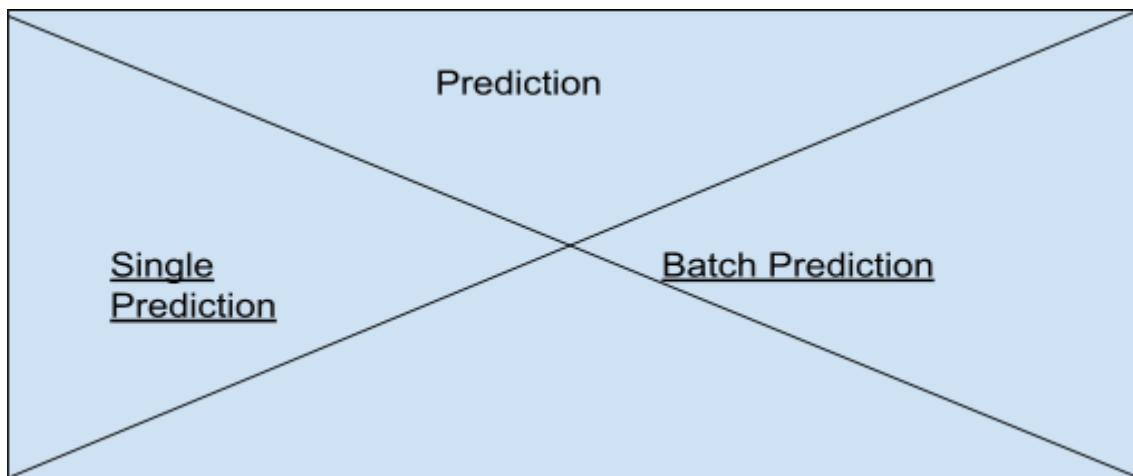


Here home page is from where application starts.

Here analysis is a navigation where images of EDA has been put .

Prediction is a navigation which allows user to select single prediction or complete file prediction and allow to download prediction file result in csv .

The Prediction page:



The Single prediction is taking user to input form which will look like

Shipping Pricing Prediction

ASN_DN :

PO_SO:

Sub_Classification:

Unit_Price:

Pack_Price:

Weight:

Line_Item_Quantity:

Batch Prediction:

Upload CSV file for
prediction

OUTPUT IMAGES :

Shipping Pricing Predictor

The homepage features a large banner image of a cargo ship at sunset. Navigation tabs include HOMEPAGE, ANALYSIS, and PREDICTION. A central box contains the Problem Statement and Approach sections.

Problem Statement:
The market for logistics analytics is expected to develop at a CAGR of 17.3 percent from 2019 to 2024, more than doubling in size. This data demonstrates how logistics organizations are understanding the advantages of being able to predict what will happen in the future with a decent degree of certainty. Logistics leaders may use this data to address supply chain difficulties, cut costs, and enhance service levels all at the same time.

Approach:
The classical machine learning tasks like Data Exploration, Data Cleaning, Feature Engineering, Model Building, and Model Testing, try out different machine learning algorithms that are best fit for the above case. I have built the model using XGBRegressor model.

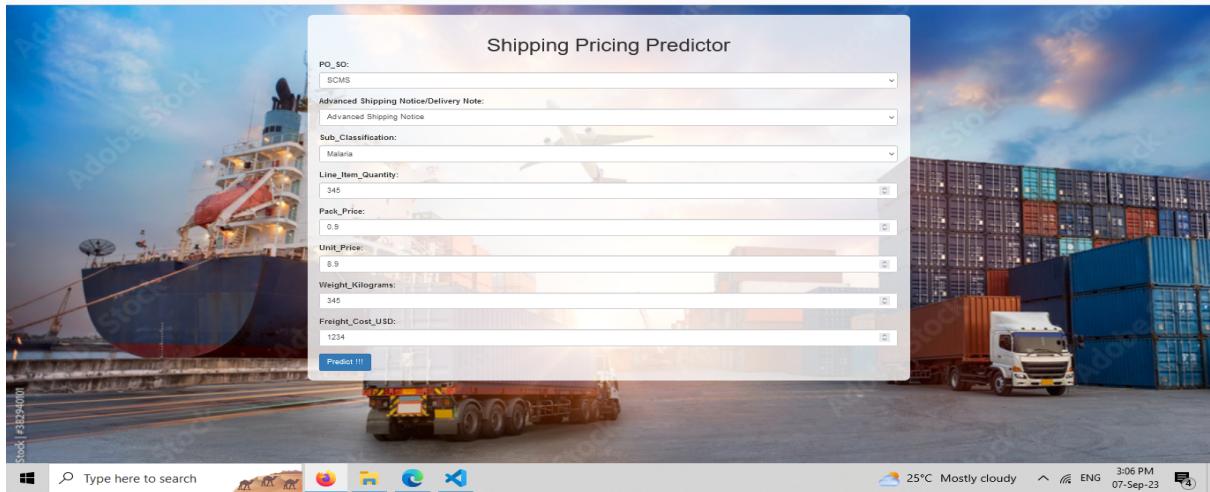
At the bottom, there's a search bar, system icons, and a weather forecast (25°C, Mostly cloudy) for 07-Sep-23.

The Analysis Page displays two charts: ASN/DN Distribution (Bar Plot) and ASN/DN Distribution (Pie Chart). The Bar Plot shows counts for DN (5404.0) and ASN (4920.0). The Pie Chart shows proportions: ASN (47.7%) and DN (52.3%).

Categorical Features Unique Count: A bar chart showing unique values for categorical features: 7030, 6733, 6233, 4688, 2093, 2042, 2006.

The Prediction Page has two buttons: Start Single Prediction and Start Batch Prediction. It features the same banner image as the homepage.

At the bottom, there's a search bar, system icons, and a weather forecast (25°C, Mostly cloudy) for 07-Sep-23.



Shipping Pricing Predictor

PO_SO: SCMS

Advanced Shipping Notice/Delivery Note: Advanced Shipping Notice

Sub_Classification: Malaria

Line_Item_Quantity: 345

Pack_Price: 0.9

Unit_Price: 8.9

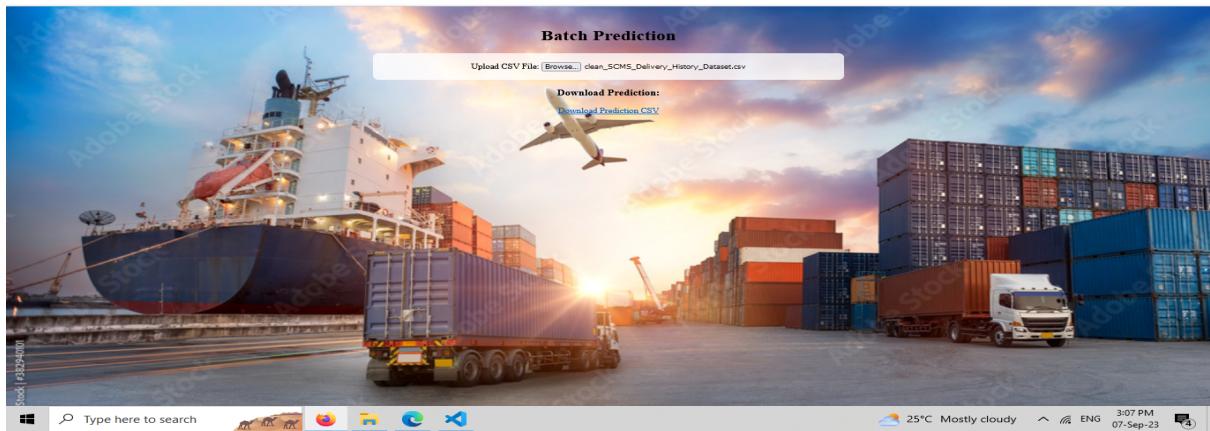
Weight_Kilograms: 345

Freight_Cost_USD: 1234

Predict !!!

Windows 10 Taskbar: Type here to search, Start button, Icons for File Explorer, Edge, File History, and File Explorer.

System tray: Cloud icon, 25°C, Mostly cloudy, ENG, 3:06 PM, 07-Sep-23, Battery icon (4).



Batch Prediction

Upload CSV File: [Browse...](#) clean_SCMS_Delivery_History_Dataset.csv

Download Prediction: [Download Prediction CSV](#)

Windows 10 Taskbar: Type here to search, Start button, Icons for File Explorer, Edge, File History, and File Explorer.

System tray: Cloud icon, 25°C, Mostly cloudy, ENG, 3:07 PM, 07-Sep-23, Battery icon (4).