

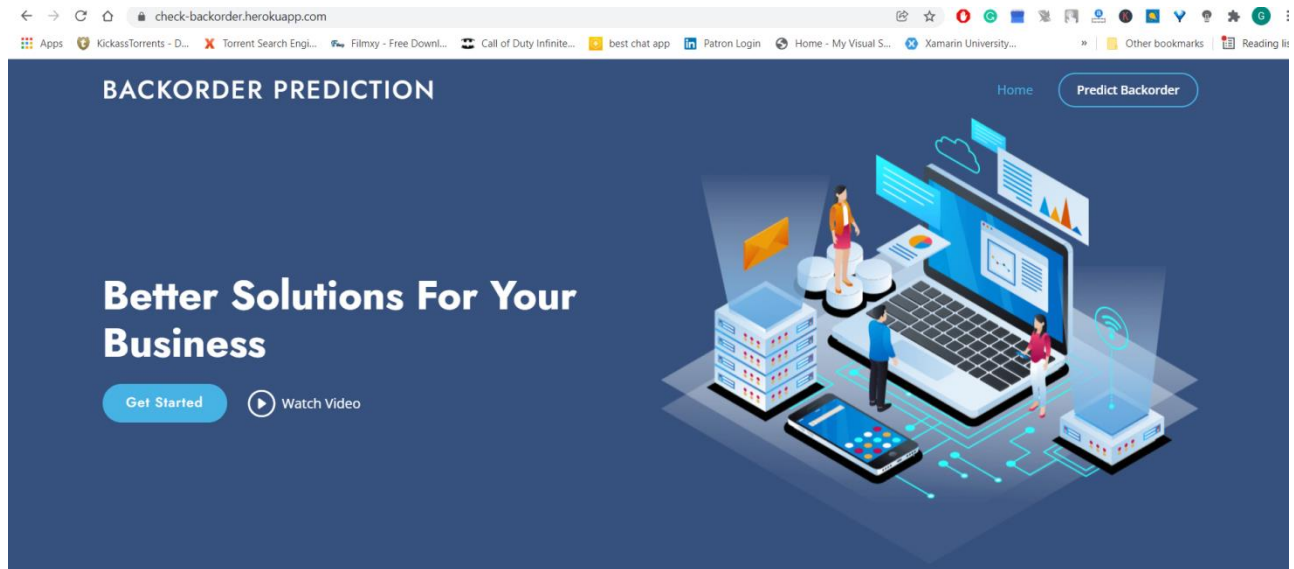
# **MACHINE LEARNING PROJECT**

## **Wireframe Report On BACKORDER PREDICTION**

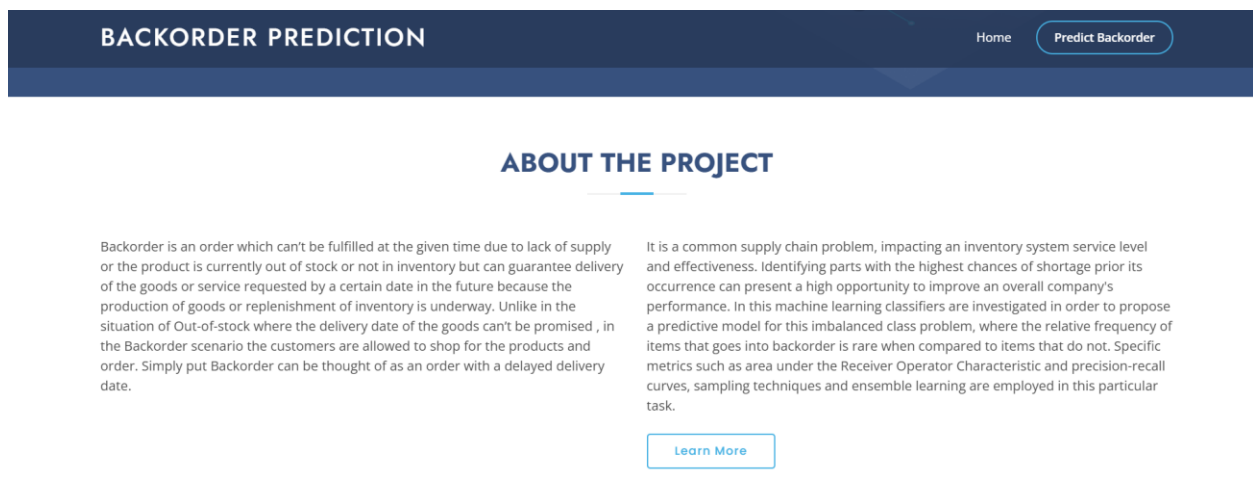
**Made by: Gaurav Singh**

**Domain: E-commerce**

## 1.Home Page



## About Us



## Why Us

BACKORDER PREDICTION

HomePredict Backorder

### Why do Backorders happen ?

01 When there is a sudden increase in demand

The primary goal of all the companies is to increase the demand for the products they offer. Having a poor sales forecast system could one of the reasons for failing to predict the demand. Despite having a good sales forecasting system sometimes these situations are inevitable because of the factors which can't be controlled or un predictable events.

02 Poor Supply chain Management

03 Inventory Management

## Model Performance

BACKORDER PREDICTION

HomePredict Backorder

### Model Performance

Based on Accuracy

LINEAR REGRESSION	84.5%
DECISION TREE	87.9%
RANDOM FOREST	90.6%
GRADIENT BOOSTED DECISION TREE	89.8%

## 2.Prediction Page

BACKORDER PREDICTION

[Home](#) [Predict Backorder](#)

Enter Backorder Prediction Details

Enter National Inventory

Enter Sales Qty For Last 3 Month Time

Enter Sales Qty For Last 6 Month Time

Enter Sales Qty For Last 9 Month Time

Enter Forecast Sales For Next 3 Months

Enter Forecast Sales For Next 6 Months

Enter Forecast Sales For Next 9 Months

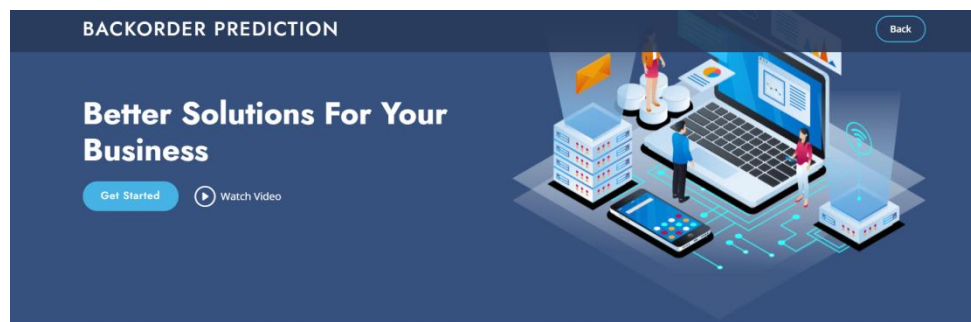
Enter Source Avg Performance For Last 6 Month

Enter Source Avg Performance For Last 12 Month

Enter In Transit Qty

Enter if any potential\_issue (0-No , 1-Yes)

## Result



Result

**Yes it's in Backorder**