

WIREFRAME

BACK ORDER PREDICTION

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1. Home Page

The wireframe shows a sidebar on the left with a 'PREDICTION TYPE' dropdown menu. The main content area is titled 'Backorder Prediction' and contains a 'Help with Backorder' link. A red button with a crown icon is located at the bottom right.

PREDICTION TYPE
Please select prediction type

Backorder Prediction

[Help with Backorder](#)

Red button with crown icon

2. Instance Prediction

The user needs to enter all the required data

The wireframe shows the 'Instance Prediction' form. The sidebar on the left has the 'PREDICTION TYPE' dropdown set to 'InstancePrediction'. The main content area is titled 'Backorder Prediction' and contains several input fields for data entry. A red button with a crown icon is located at the bottom right.

PREDICTION TYPE
InstancePrediction

Backorder Prediction

Current inventory level for the product
78812.00

Search time for product
10

Amount of products in transit from source
100

Forecast sales for the next 3 months
98

Forecast sales for the next 6 months
93

Forecast sales for the next 9 months
94

Sales quantity for the prior 1 month time period

Red button with crown icon

PREDICTION TYPE
IndividualPrediction

Part risk flag (The products that might remain in the deck/ship/stock)
☒ Yes
☐ No

Part risk flag (Products that are facing operational limiting factors such as bottleneck)
☐ Yes
☒ No

Part risk flag (Risks associated with packaging and production)
☒ Yes
☐ No

Part risk flag (Whether automatic selling process has been stopped or not)
☐ Yes
☒ No

Part risk flag (Inventory status for product)
☒ Yes
☐ No

Submit

The product is not going to be backordered

3. Batch Prediction

The user need to download the dataset from github url and upload the dataset through the application and can get the predictions file to download.

Github url For batch prediction:

https://github.com/medashabari/BackorderPrediction/raw/main/Kaggle_Test_Dataset_v2.csv

PREDICTION TYPE
BatchPrediction

Backorder Prediction

Batch Prediction Upload Dataset

Upload your data

Drag and drop file here
(max 200MB per file)

Browse files

Submit

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- Click on browse files and upload the dataset

Backorder Prediction

Batch Prediction Upload Dataset

Upload your data

Drag and drop file here
Limit 20MB per file

Choose File

Kaggle_Test_Dataset_v2.csv 10,000

Submit

Made with Streamlit

- After uploading click on submit.

Backorder Prediction

Batch Prediction Upload Dataset

Upload your data

Drag and drop file here
Limit 20MB per file

Choose File

Kaggle_Test_Dataset_v2.csv 10,000

Submit

	customer_id	total_qty	in_stock_qty	forecast_3_months	forecast_6_months	forecast_9_months
0	-0.0315	0.357	-6.6254	-0.7639	-0.8048	-0.9226
1	-0.0557	0.357	-6.6254	-0.7639	-0.8048	-0.9226
2	-0.9523	0.357	-6.6254	-0.7639	-0.8048	-0.9226
3	-0.0557	-1.4884	-6.6254	-0.7639	-0.8048	-0.9226
4	-0.0315	0.357	-6.6254	-0.7639	-0.8048	-0.9226
5	-0.0315	-1.4884	-6.6254	-0.7639	-0.8048	-0.9226
6	-0.061	0.357	-6.6254	-0.7639	-0.8048	-0.9226
7	-0.0681	0.357	-6.6254	-0.7639	-0.8048	-0.9226
8	-0.0315	0.357	-6.6254	-0.7639	-0.8048	-0.9226
9	-0.0315	0.357	-6.6254	-0.7639	-0.8048	-0.9226

Download Prediction File

- After that you can click on download prediction file it will be downloaded to your local system