

Wireframe Documentation

Backorder Prediction

Main-page

1. Input boxes are placed on homepage.

The wireframe displays a web application interface for backorder estimation. The top navigation bar includes links for backorder Estimation, Home, View Logs, View Artifacts, View Trained Model, Estimate backorder, and Experiment History. A sidebar on the left contains a menu with options: View Logs, View Artifacts, View Trained Model, Estimate backorder (highlighted), Train backorder Estimator, and Update Model Config. The main content area is titled 'backorder Estimation Form' and contains a series of input fields for various parameters: national_inv, lead_time, in_transit_qty, forecast_3_months, forecast_6_months, forecast_9_months, sales_1_month, sales_3_months, sales_6_months, sales_9_months, min_bank, potential_issue, pieces_past_due, sales_6_months, sales_9_months, min_bank, potential_issue, pieces_past_due, perf_6_months_avg, perf_12_months_avg, local_biz_qty, deck_risk, oe_constraint, ggap_risk, stop_auto_buy, and rev_stop. Each input field is accompanied by a label and a 'Go to Home' button. A 'Submit Form' button is located at the bottom right of the form. The footer of the page features social media icons for Facebook, Twitter, Google+, Instagram, LinkedIn, and YouTube.

2. User can see last trained model information with accuracy of model.
3. User can only input integer values as per SRS document.
4. After filling inputs , user can click predict button.
5. Output will be shown as Went on Backorder Yes or No.

The screenshot displays the 'backorder Estimator' web application. The interface includes a sidebar with navigation links: View Logs, View Artifacts, View Trained Model, **Estimate Backorder** (highlighted), Train backorder Estimator, and Update Model Config. The main content area is titled 'backorder Estimation Form' and contains input fields for various features. The 'Backorder' section on the right shows the predicted output as a table.

backorder Estimation Form

national_inv
Enter a value of national_inv

lead_time
Enter a value of lead_time

in_transit_qty
Enter a value of in_transit_qty

forecast_3_month
Enter a value of forecast_3_month

forecast_6_month
Enter a value of forecast_6_month

forecast_9_month
Enter a value of forecast_9_month

sales_1_month
Enter a value of sales_1_month

sales_3_month
Enter a value of sales_3_month

sales_6_month
Enter a value of sales_6_month

sales_9_month
Enter a value of sales_9_month

min_bank
Enter a value of min_bank

potential_issue

Backorder

Input Feature	Feature Value
national_inv	12.0
lead_time	4.0
in_transit_qty	0.0
forecast_3_month	17.0
forecast_6_month	34.0
forecast_9_month	68.0
sales_1_month	7.0
sales_3_month	22.0
sales_6_month	39.0
sales_9_month	71.0
min_bank	0.0
potential_issue	No
pieces_past_due	0.0
perf_6_month_avg	0.99
perf_12_month_avg	0.98
local_bo_qty	0.0
click_risk	No
oe_constraint	No
ppap_risk	No
stop_auto_buy	Yes
rev_stop	No
went_on_backorder	[Yes]