

Wireframe Documentation

Backorder Prediction

Main-page

1. Input boxes are placed on homepage.

The wireframe shows 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 in blue), '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_month', 'forecast_6_month', 'forecast_9_month', 'sales_1_month', 'sales_3_month', 'sales_6_month', 'sales_9_month', 'min_bank', 'potential_issue', 'pieces_past_due', 'sales_6_month', 'sales_9_month', 'min_bank', 'potential_issue', 'pieces_past_due', 'perf_6_month_avg', 'perf_12_month_avg', 'local_bo_qty', 'deck_risk', 'on_constraint', 'pgap_risk', 'stop_auto_buy', and 'rev_stop'. Each input field has a label and a text input box. A 'Submit Form' button is located at the bottom of the form. On the right side, there is a 'Backorder' section with a 'Submit Form' button and a note: 'Kindly provide necessary information to estimate backorder'. A 'Go to Home' button is also present. The footer of the page includes 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 Default or Non Default.

The screenshot shows a web browser window with the URL `backorderpredictionmodel1-env.eba-q9jftgg2.ap-south-1.elasticbeanstalk.com/predict`. The page is titled "backorder Estimation" and has a navigation menu on the left with options: View Logs, View Artifacts, View Trained Model, **Estimate backorder** (highlighted), Train backorder Estimator, and Update Model Config. The main content area is divided into two sections: "backorder Estimation Form" and "Backorder".

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
deck_risk	No
oe_constraint	No
ppap_risk	No
stop_auto_buy	Yes
rev_stop	No
went_on_backorder	[Yes]