

MACHINE LEARNING PROJECT

Wireframe Report On BACKORDER PREDICTION

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Domain: E-commerce



1.Home Page



About Us

BACKORDER PREDICTION Home Predict Backorder

ABOUT THE PROJECT

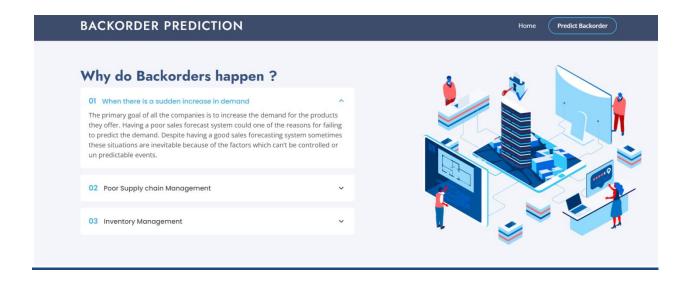
Backorder is an order which can't be fulfilled at the given time due to lack of supply or the product is currently out of stock or not in inventory but can guarantee delivery of the goods or service requested by a certain date in the future because the production of goods or replenishment of inventory is underway. Unlike in the situation of Out-of-stock where the delivery date of the goods can't be promised, in the Backorder scenario the customers are allowed to shop for the products and order. Simply put Backorder can be thought of as an order with a delayed delivery date.

It is a common supply chain problem, impacting an inventory system service level and effectiveness. Identifying parts with the highest chances of shortage prior its occurrence can present a high opportunity to improve an overall company's performance. In this machine learning classifiers are investigated in order to propose a predictive model for this imbalanced class problem, where the relative frequency of items that goes into backorder is rare when compared to items that do not. Specific metrics such as area under the Receiver Operator Characteristic and precision-recall curves, sampling techniques and ensemble learning are employed in this particular task.

Learn More



Why Us



Model Performance





2.Prediction Page

BACKORDER PREDICTION Home Predict Endoorder
Enter Backorder Prediction Details
Enter National Inventory
Enter Sales Oty 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
LINE SOLICE MRY PEROIMANCE FOR LESS 12 MONTH
Enter In Transit Qty
Circuit and Circuit Ci
Enter if any potential_issue (0-No , 1-Yes)

Result



Result

