

SAP LIQUID STUDIO FOR LEONARDO APPLICATION: SHIPPING RATE PREDICTOR

Insight-driven ship charters

Function: Logistics | Process: Supply Chain | Industry: Cross-Industry

Application Overview

Shipping rates can vary widely from week to week. The better insight that a shipping manager can get into upcoming supply/demand and future rates, the better they are able to book rates in advance and secure the best rates.

The Shipping Rate Predictor application allows the individual responsible for booking time on ships to have full visibility into current shipments as well as upcoming supply and demand. The application uses historical data and predictive analytics to predict future rates and allow better decision making and reduced shipping costs.

Solution

This SAP Cloud Platform combines data from multiple sources into a single dashboard. Using third-party data, real-time ship location is displayed and combined with cargo details from the SAP S/4HANA® transactional system. The application uses historical and daily rate data from brokers to predict the rates for coming weeks and match to supply/demand to book capacity at the optimal time.



Business Value

- Reduces shipping costs through beat-the-market predictions.
- Increased visibility into ship location and cargo.
- Provides the ability to take advantage of ballast ships for cargo load on previously empty return trips.

Features

- Daily refresh of current ship location, shipping routes and port details.
- Ability to view details by regions, destination port and other criteria.
- View current supply/demand and predictions on upcoming supply/demand trends.
- Daily updates from brokers integrated to get up-to-date information and rates.
- Predict future shipping rates based on multiple data sources and predictive algorithms.

Technologies in Use

- SAP Cloud Platform
- SAP Leonardo Predictive Analytics
- Python



[Click here](#) to watch the video.