



SMART INVENTORY MANAGEMENT & OPTIMIZATION

A web-based application that aids the rotables procurement team in Singapore Airlines Engineering Company (SIAEC) to provide the best possible service at lowest cost.

DID YOU KNOW?

Rotables are expensive parts of an aircraft that cost up to USD 1 million dollars a part.

PROBLEM

The traditional manual way of handling thousands of rotables stored in the warehouse with tons of messy spreadsheets is time-consuming and prone to error, incurring unnecessary costs for SIAEC.

Better supply chain decisions with 4 key features:

Risk-Driven Optimization

Our optimization algorithm allows for real-life scenario analysis to help assess risks and make better stocking decisions

Dynamic Forecasting

Our forecasting engine auto-configures itself based entirely on the data that is provided which is fast and easy

Price-Monitoring

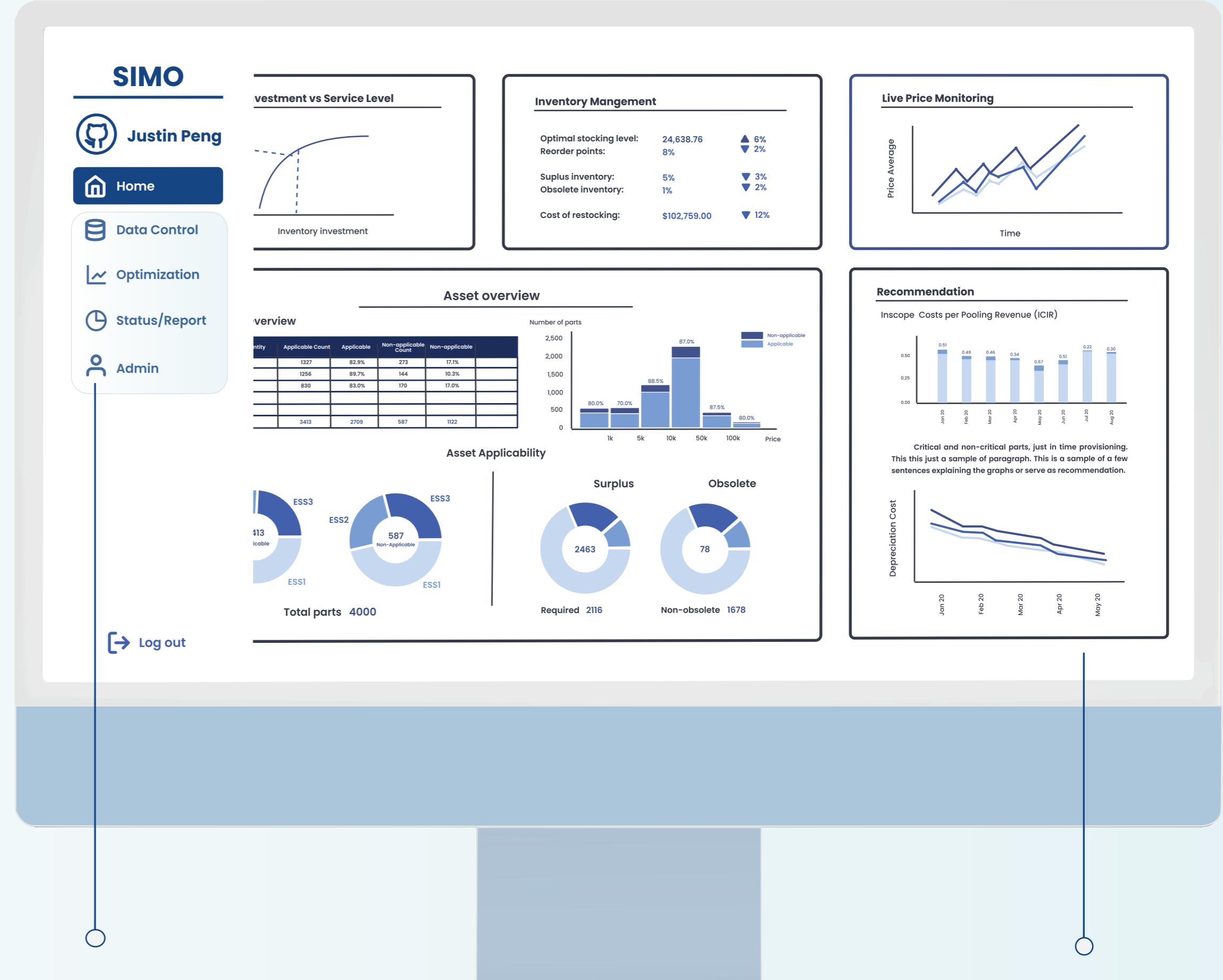
State-of-the-art models for forecasting and tracking of prices given by vendors against Original Equipment Manufacturer (OEM)

Performance Measures

Live comparison and highlighting poor performing rotables by SIAEC with global average and OEM's benchmarks

Quantitative Supply Chain Optimization Software

Stop the spreadsheet madness!

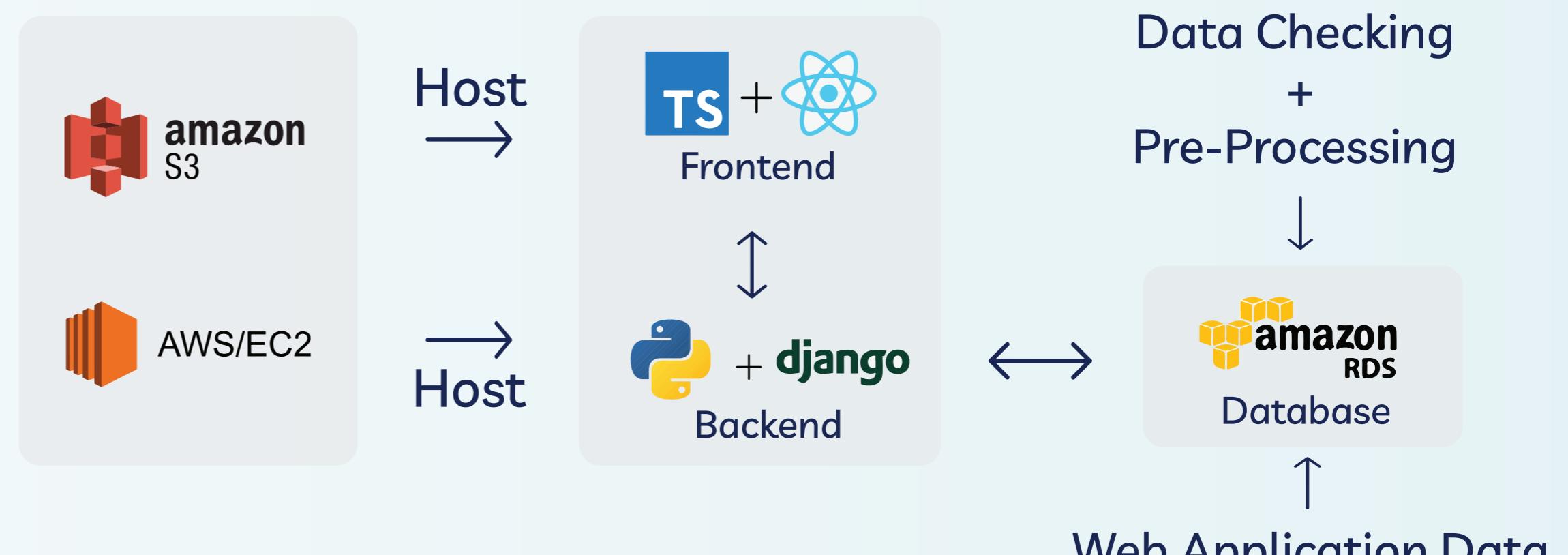


Suite of functions

for day-to-day decisions

One-Page Dashboard

SYSTEM ARCHITECTURE



"Intuitive and provides customization and flexibility based on customer needs and processes, allowing us to review different scenarios to achieve optimum results

~ Procurement Manager

"Enables us to work more effectively by reducing manual work i.e. cleansing of raw data, reducing human error while simultaneously streamlining forecast demand and enhancing inventory provisioning

~ Procurement Team

"Leveraging analytics in inventory management to drive strategic business decisions

~ Data Analytics Team

"Hassle-free and seamless application

~ Procurement Team

"Efficient cost control through the use of data visualization tools

~ Data Analytics Team

Scan the QR code to view our web-app video

