

Vijay Dasan Potty Noe Mikati Riley Lenaway Arjun Prakasan



Prior Volume

Andy Sun

Captain GPT:

Navigating Dynamic Pricing in the Fast-Changing Shipping Industry



Laura Li

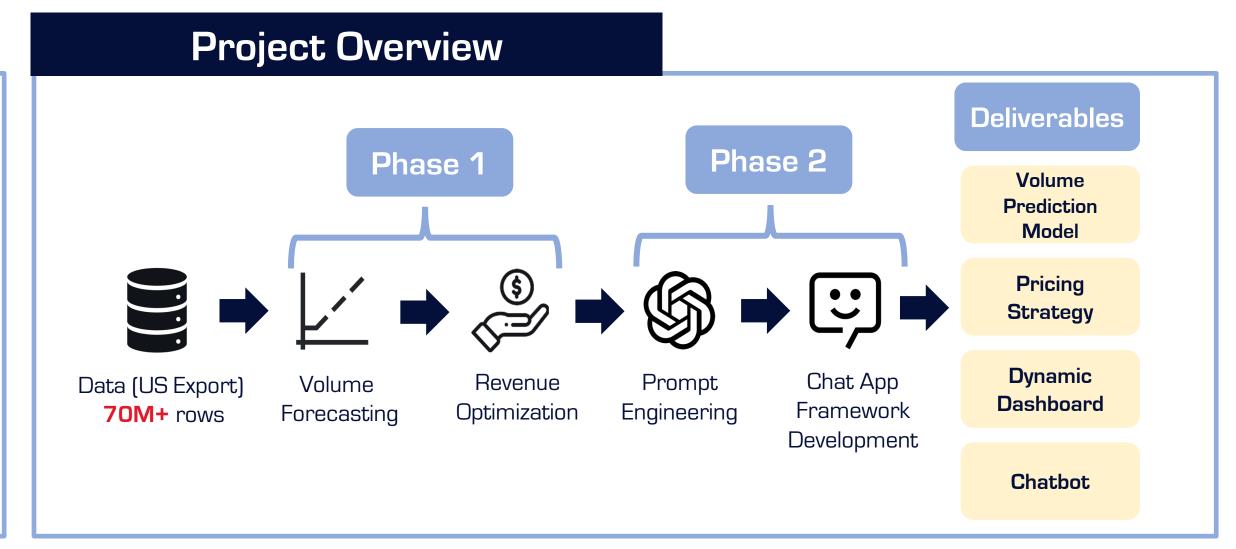
Meredith Gao

Problem Statement

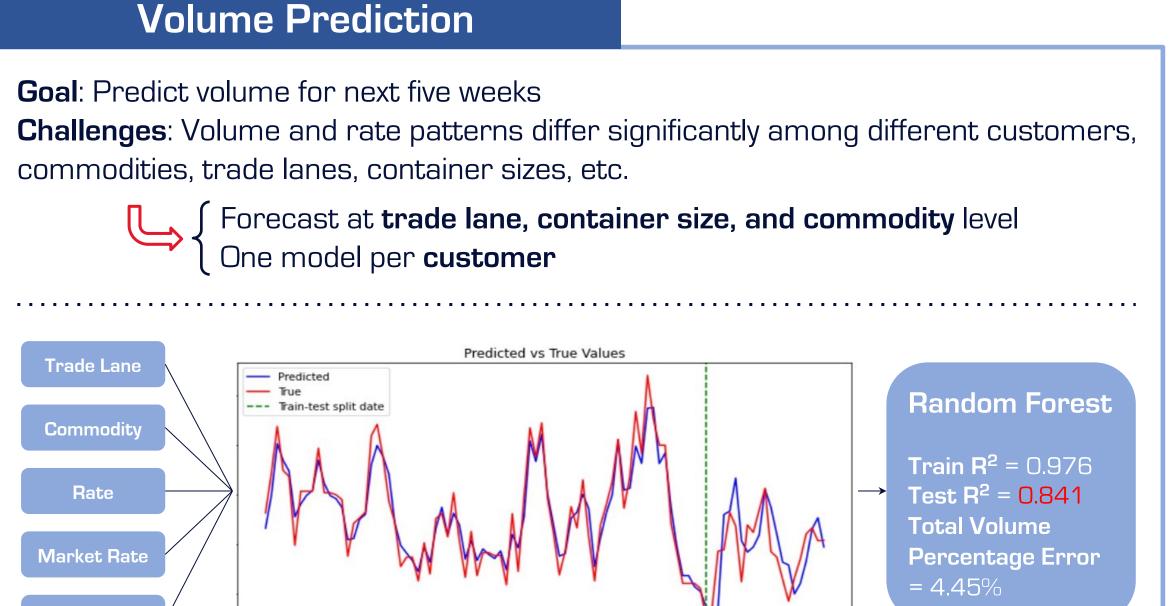
Motivation: CMA CGM, a global shipping company, traditionally relies on its trade team's **experience** for **pricing** decisions.

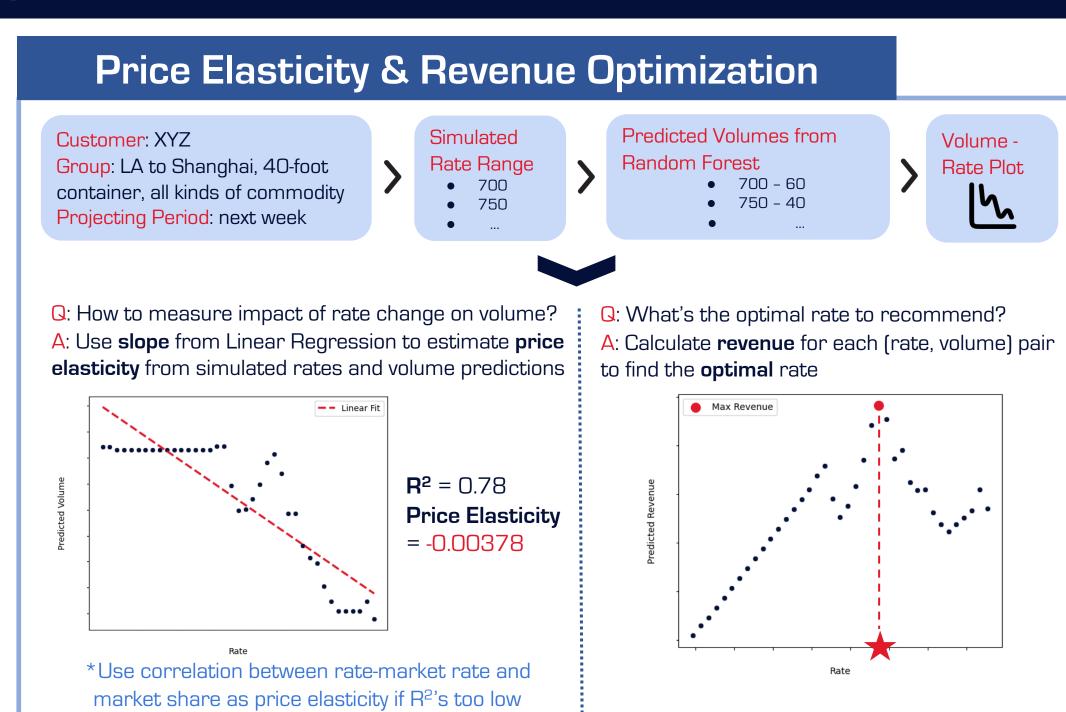


Objective: Develop a **mathematical model** to assess the impact of contract price changes on future volume and build an **LLM chat application** for dynamic **pricing** advice.

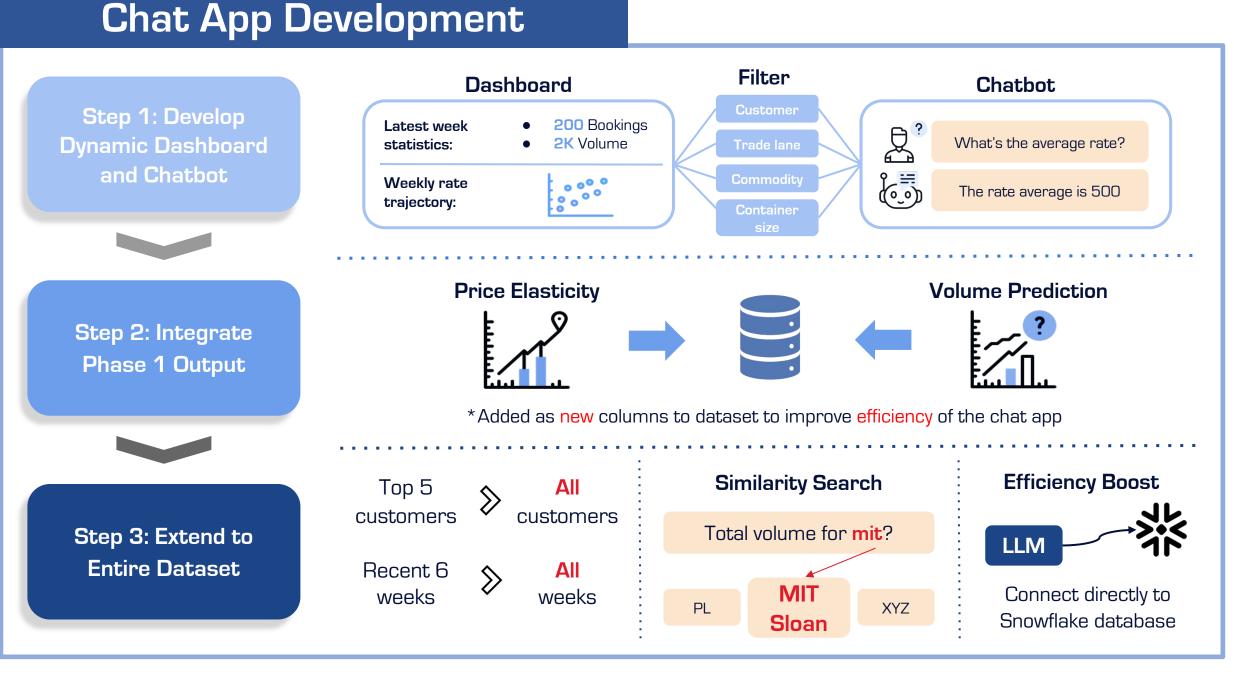


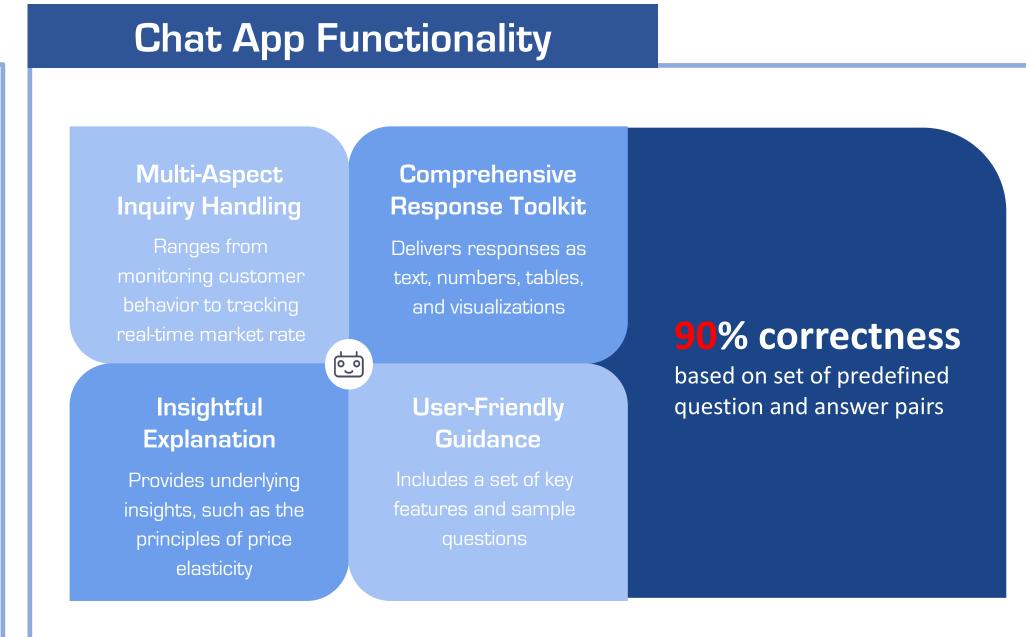
Phase 1



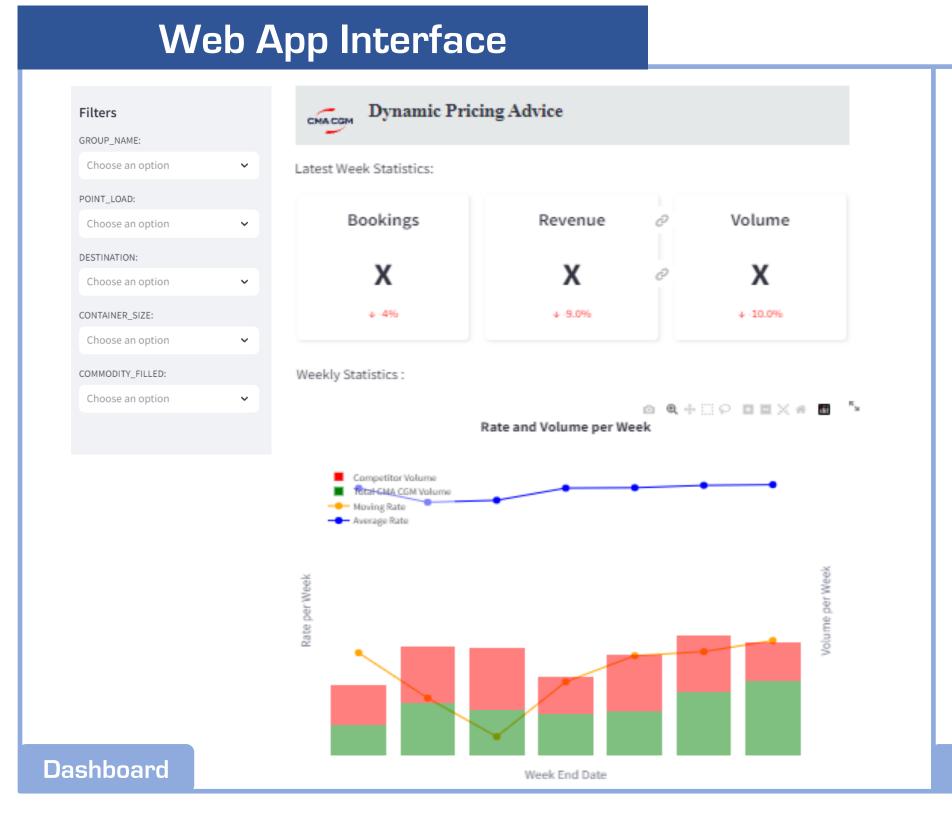


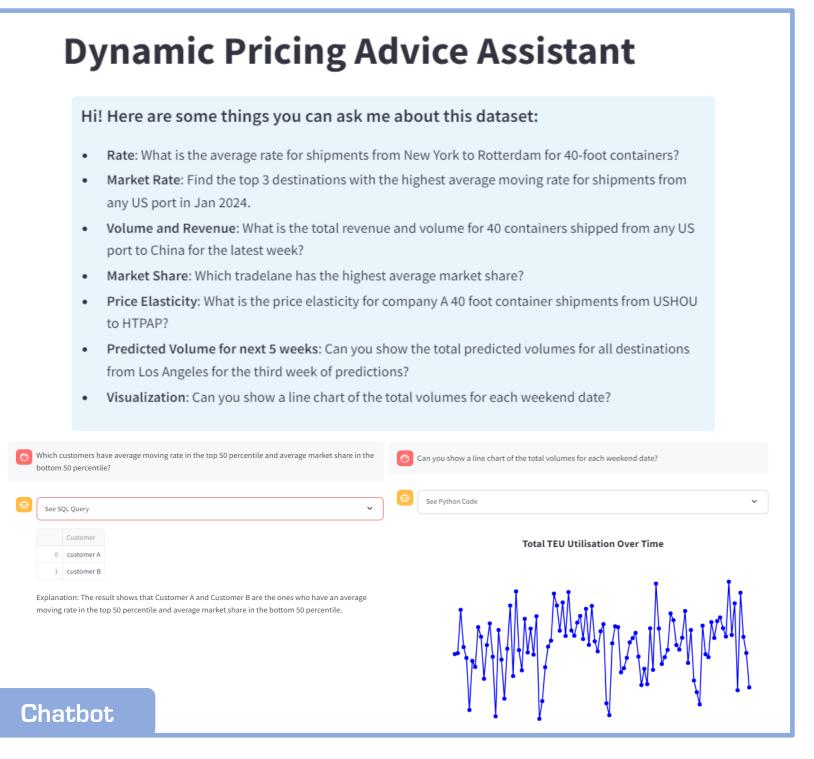
Phase 2





Results





Impact



Dynamic Pricing Advice

Chatbot: Enhance market

responsiveness and decisionmaking accuracy validated by empirical data



Ready-to-Use Data Pipeline and Dashboard:

Enable real-time analytics and operational efficiency



Optimization and Prediction Model:

Increase potential revenue, monitor customer shipping behavior, and improve market competitiveness