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Generative AI Professional AI and Data Science Track

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# INTRODUCTION

Chatty Cart revolutionizes the e-commerce landscape by providing Aldriven personalized assistance for customers and product owners.





# E-COMMERCE CHALLEN

- High Cart Abandonment Rates
- Customer Dissatisfaction
- Inefficient Service
- Difficulty in Pricing

# THE ROLE OF ALIN CHATTY CART

Al plays a pivotal role in enhancing e-commerce efficiency. It enables:

- Personalized product dynamic pricing strategies.
- Real-time customer support via conversational Al.

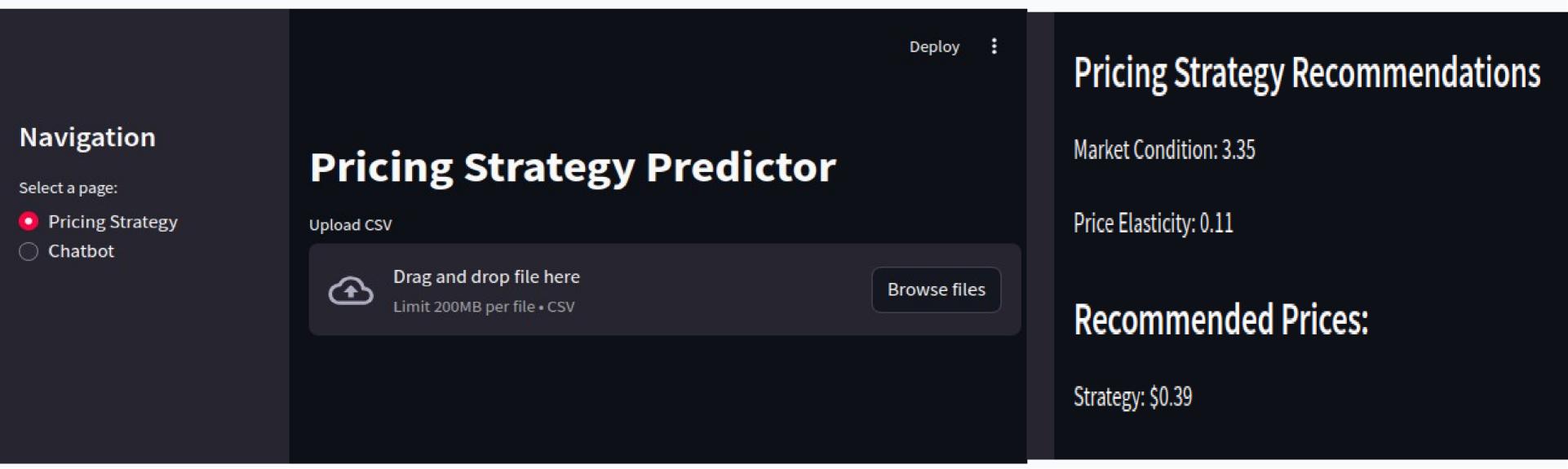
These capabilities create a more engaging shopping experience, ultimately leading to increased sales and customer loyalty.



#### DATA-DRIVEN PRICING STRATEGY

Outputs of pricing strategy predictor:

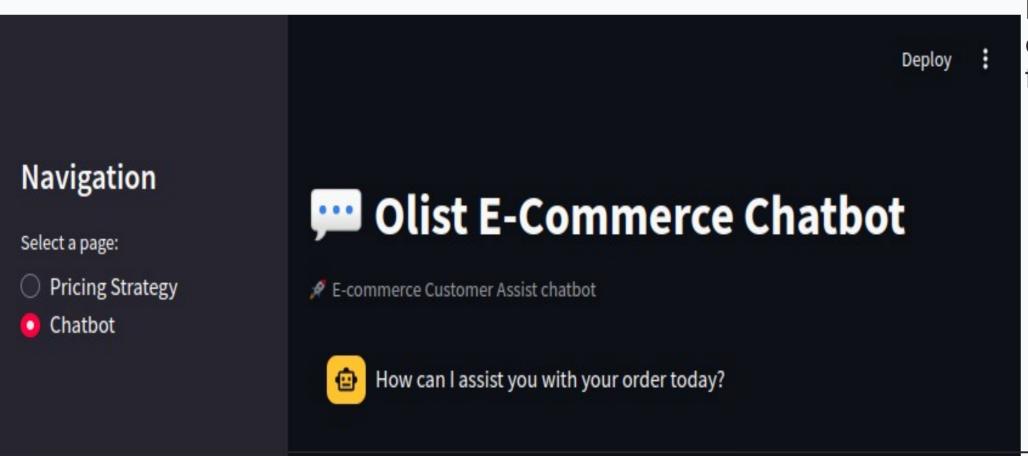
- **Price Prediction:** The recommended price based on market conditions and product features.
- Market Condition Prediction: A classification of the current market conditions.
- Price Elasticity: A score reflecting how sensitive the demand is to price changes.



# CONVERSATIONAL AI USING CHATBOT

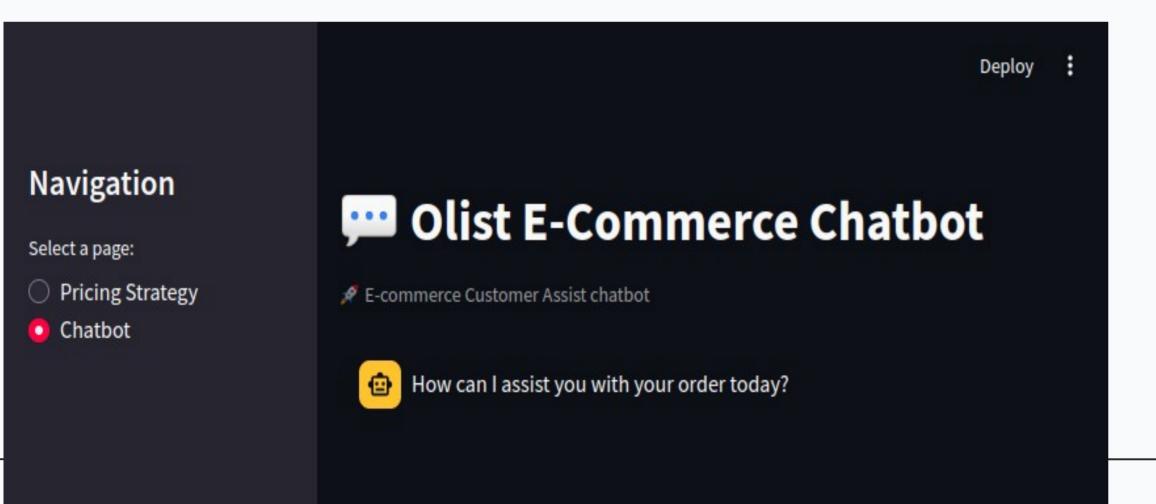
Chatty Cart automates various e-commerce processes, such as **customer inquiries**, **order tracking**, and **recommendations**.

This automation not only reduces operational costs but also enhances response times, ensuring customers receive timely assistance, which is crucial for maintaining satisfaction.



### WEB APPLICATION WITH STREAMLIT

Streamlit serves as the user-friendly interface that connects end-users with the underlying AI models for chatbot interactions and pricing strategy predictions.





# Thanks! Do you have any questions?