

Airbnb Dynamic Pricing Recommendation System

This project focuses on recommending optimal Airbnb listing prices based on location, room type, and customer engagement metrics such as reviews. The objective is to help hosts maximize revenue while staying competitive in the market.

A regression-based machine learning approach was used to analyze historical pricing patterns and generate recommended prices. The final output provides both predicted and optimized pricing suggestions for different listings.

Tools Used: Python, Pandas, Scikit-learn

Conclusion: The system effectively suggests competitive prices for Airbnb listings, supporting data-driven pricing decisions.