

Project Ideas

1. **United States real estate price forecasting using Machine Learning:** This project explores how machine learning help forecast housing prices in the United States. Monthly data for US cities is available from Zillow website.
2. **Using Machine Learning for retail price optimization:** This project will explore how machine learning can help retail industry win the retail pricing game and why every retailer should invest in ML-based pricing optimization to enhance their pricing teams and be a strong player in the modern market. ML-based algorithms can be used to accurately predict how customers will react to certain prices. Data for Walmart is available from Kaggle website.
3. **Building flight price analysis model using machine learning:** This project will analyze the flight fare prediction using different data analysis techniques then will draw some predictions about the price of the flight based on some features such as what type of airline it is, what is the arrival time, what is the departure time, what is the duration of the flight, source, destination and more. Data is available from Amadeus Marketing Information Data Tapes (MIDT) which contain detailed information on flight bookings made through the Amadeus system.