

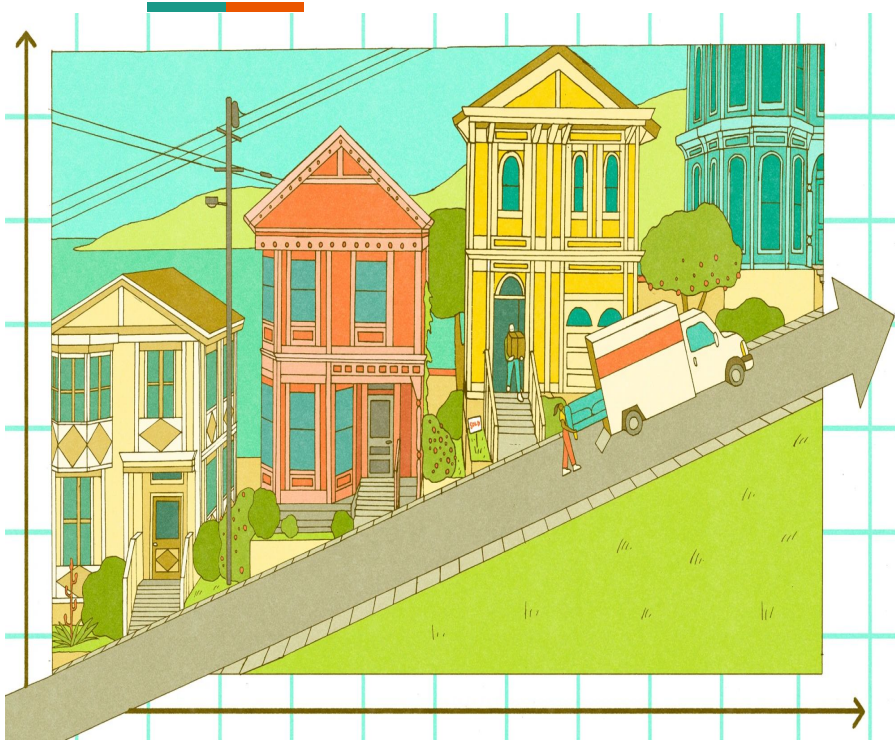


Housing Comparison Analysis Dashboard



Wenting Deng

Background



Housing market has become “outrageous”. Listing prices are meaningless, bidding wars are intense.

Objective: create a dashboard for prospective home buyers to pull recent closed listings in the neighborhood, in order to help them make competitive offers.

Workflow

colab



US Real Estate
API
(CA only, Dec
2020- current)



mongo DB

Data Ingestion



Data EDA

dmlc
XGBoost

Modeling

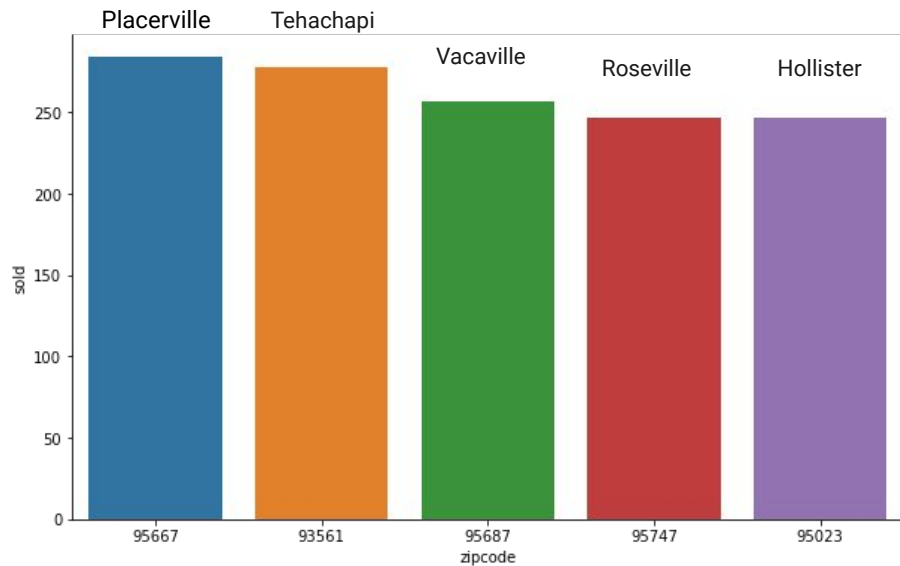


Streamlit



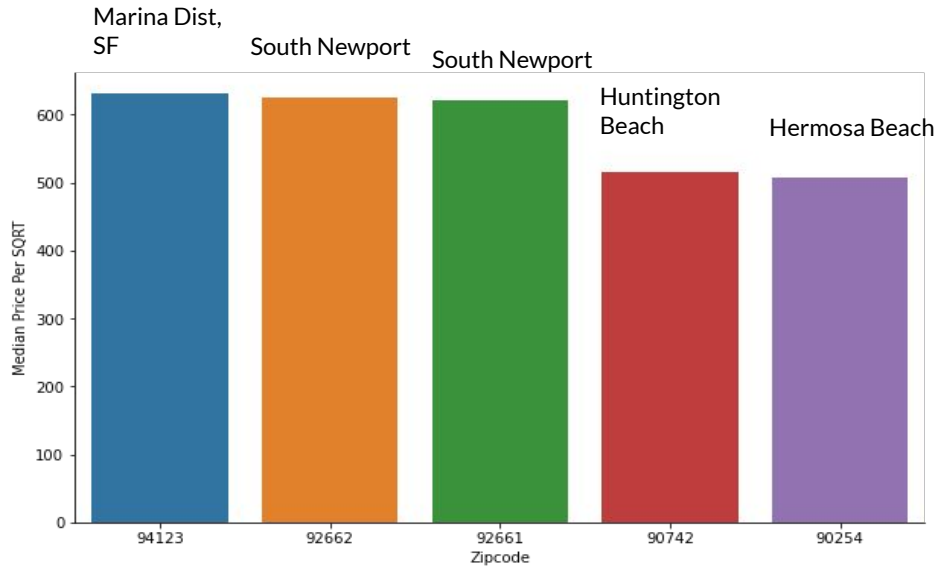
App

Data Insights



People are moving away from cities.

Data Insights



Marina District is the most expensive area in California.

Next Step



- Continue to train the XGBoost model
- Continue to work on APP visualizations
- Deploy the app to Heroku