Real Estate Pricing Analysis

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Project Description

The housing market is very complex and volatile, hence our interest to study different parameters affecting the pricing of different types of houses in cities based on multiple factors.

Objective

- To aggregate maximum data points to enable multiple comparison.
- Clean data via ETL to enable analysis, plotting etc.
- Visualization based on housing type, price and distance as user parameters in a map.
- Derive standard trends to base a report of type of houses and cities.
- Build a machine learning model to predict house prices based on factors of house type, size and distance.

Tools
- Python, Pandas, Plotly
- Tableau for visualization report
- HTML/CSS
- Javascript

Data Sources
- Data.world
- Kaggle
- Knoema and others