**Real Estate Price Prediction**

**Description:** Use stock market data found in Kaggle for all inventories in the USA and predict the price of any given property after taking input from the user.

**Tech stack:**

* Python (libraries – pandas, matplotlib, scikit-learn)
* Html
* CSS
* JavaScript
* AWS (to deploy code into production)

1. Data source pulled from Kaggle - <https://www.kaggle.com/datasets/ahmedshahriarsakib/usa-real-estate-dataset/data>
2. Steps involved
   1. Data cleaning
   2. Feature Engineering (Add additional columns as per requirements, e.g. add a price\_per\_sqft column)
   3. Outlier detection and removal (e.g. removal of anomalies in data like removal of total square feet of house / bedroom < 300)
   4. Create an HTML page (Use css and Javascript as well) and get input from the user (example page below).

A house with a sign in the front

Description automatically generated with medium confidence