

Project Presentation for Coursera Capstone – The Battle of Neighborhoods

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Problem Statement

Description

Input / Output

Benefits

Limitations

Problem Statement

People of all kinds from around the world come to California, USA with some of these them aspiring to make this commercial place a home of their own. Due to high cost of living and other multiple issues, California housing has been struggling. A potential client aspiring to buy a suitable property would like to become knowledgeable about the ongoing pricing to make a conscious decision. Further, he/ she would like to consider several factors like proximity to age of the residents, number of bedrooms in each house, number of houses, population and price.

Description

- Potential clients looks to buy suitable property in California but are skeptical due to lack of knowledge and volatile market conditions.
- California Housing Dataset contains the prices of the houses in California's cities taken from a 1990 census. This dataset was hosted on <https://www.kaggle.com/camnugent/california-housing-prices> for ease of use. This data is available for open source and is approved by the US Government.
- This project is focused on investigating the most recent market prices of the houses in the city of London so that a potential client can buy a property based on his/her budget.

Input/Output

- **Scripting Language** : Python 3
- **IDE** : Jupyter Notebook
- **Input Data** : California housing Prices (1990 census)
<https://www.kaggle.com/camnugent/california-housing-prices>
- **Output** :
 1. List of recommendations based on Average Price
 2. Venues near the Addresses

Benefits

- City Recommendations
- Find the nearby venues within the particular vicinity

Limitations

- Machine Learning could have been used to cluster the cities (**K-means Clustering**) which fall with similar features.
- **Regression** could have been to figure the future trends of the cities.