

Predict house prices By Machine Learning

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Business Problem

When I started machine learning course, I wanted to implement something easy but could solve some real-world problem or daily life experience. I am thinking to create a mobile app to for Real Estate agents and house buyer. Before buying a new house it's import to investigate the current value pf the property and the future value of the property.

On the basis of bed rooms, carpet area, no of washrooms property value can be evaluated but apart t from this there are multiple factors which make a property value higher like distance from high way, airport, is property near to sub way, available hospitals, schools, super market in that location etc.

To investigate the property's worth value we would require a model on the basis of all possible factors. I want to demonstrate the most extensive areas of the city by using foursquare and Heat Map.

So through the handy mobile PWA Agent and buyer can easily see the current value of the property and future value of the property.

Data Description

For this model, We'll be using the Foursquare location data and California-housing-dataset from datasets provided by sklearn library -

https://scikit-learn.org/stable/modules/generated/sklearn.datasets.fetch_california_housing.html

We will focus on the following attributes if the property:

- HouseAge
- Rooms
- Bedrms
- Area Population
- Location
- distance from high way
- distance from airport
- Available Hospitals, Schools, transport faciliuty etc

