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| property buying guide using data science  JOE AUSTIN a.M |
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#### data used :

tments value proposition. This, and a

<https://www.kaggle.com/amitabhajoy/bengaluru-house-price-data/data#Bengaluru_House_Data.csv>

This is the dataset that is used that contains the prices of 13000 homes in all neighborhoods of Bengaluru city. We extract the list of all unique neighborhoods from this dataset.

We then use this list and get the locations in terms of latitude and longitude coordinates by calling the Foursquare API : <https://developer.foursquare.com/>.

With our data, we now also cluster the regions based on levels of development by all amenities available, also using the Foursquare API. Then, we map these to the prices to arrive at various ‘Value For Money’ classes.

Finally using the dataset from Kaggle again, we build a predictive model to predict the house price.

#### DATA USECASE objective :

general air of doubt prevailing still have caused the ongoingtuation.

1.We aim to use location data for all neighbourhoods in Bengaluru city using the Foursquare API and classify the regions into areas of varying development based on the number of amenities available around the area.

2.We then map these areas to our dataset containing the prices of houses in all neighbourhoods and arrive at a conclusion if it is worth investing in the particular neighborhood or not.

3.Additionally, we build a Machine Learning model to predict the price of a new house in Bengaluru to further help the people to cross-check if a house is selling for the correct price or not.

have even shown that a number of people are

Skeptical about their property purchase as they are unsure

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