

# House Pricing

## Prediction

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# Selected Topic

## House Pricing Prediction

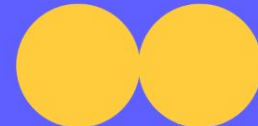
The housing market's pricing everywhere depends on numerous factors, with this approach a curious client may have a place to start sensing the changes in price for each house depending on the characteristics that they are looking for.





## Why this topic?

- 01 Availability of information
- 02 Well-documented databases
- 03 Real-life problem with reliable sources of investigation



## Kaggle ●●

The database is obtained from Kaggle, an online community of data scientists and machine learning practitioners, which for its nature it sources this type of datasets for educational purposes.

## Dataset ●●

The dataset consists on 80 labels pertaining to the characteristics of each house registered.

## Entries ●●

There are 1,460 rows for this dataset, sufficing the requirement for training a successful machine learning model of over 1,000 entries.

# Description of data source



# Questions to answer with the data



What is the price range of a house with the same characteristics that I am looking for?

Which variables account for a higher prediction weight?

Which variables can be neglected at the time of making a decision?

# Data Exploration Phase





# Analysis Phase



# Dashboard

## Navigation Bar

### FILTERS

Drop down menus:

# of Bedrooms

# of Full Baths

# of Half Baths

# of cars in Garage

Range Slider:

Sale Price

Drop down menu:

ID of matching houses

Text:

Characteristics of  
matching houses

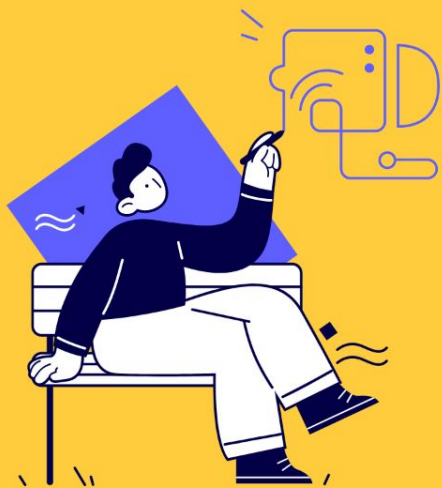
### SQFT VS. PRICE GRAPH

### YEAR VS. PRICE GRAPH

### ARTICLE ABOUT HOUSE MARKET IN 2022







For more information please visit  
<https://github.com/yempi/house-pricing>