

Project Proposal

Problem statement:

Due to the information gap about house prices and the difference in house prices from one neighborhood to another, the individual may face a problem estimating house prices and may be subject to deception by real estate owners. Therefore, we will build a model that predicts house prices.

Data Description:

The used data set in this project is Kaggle

Columns	rows
10	20000

COLUMNS	TYPE
LONGITUDE	float
LATITUDE	float
HOUSING_MEDIAN_AGE	int
TOTAL_ROOMS	int
TOTAL_BEDROOMS	int
POPULATION	int
HOUSEHOLDS	int
MEDIAN_INCOME	float
MEDIAN_HOUSE_VALUE	int
OCEAN_PROXIMITY	object

Tools:

- 1- Python programming language
- 2- Numby library
- 3- Pandas' library
- 4- Matplotlib library
- 5- SeaBorn
- 6- Sklearn
- 7- BeautifulSoup
- 8- Request library

The Goal: The main goal of this project is to study the Estates market and to train a model to predict the prices of the estates of and testing it using linear regression models