



HOUSES PRICE PREDICTION USING ARTIFICIAL INTELLIGENCE

Design:

Our work will concentrate on the commercial field.

A huge amount of data is collected in the companies and commercial establishments, these data may contain full information about the price and customers.

Discovering the relationship between this information will help the workers in this to understand the needing of the customers and allow them to predict the price.

we will solve the question:

- How companies can predict the prices depending on the data which they have collected?
- How the client knows the prices?



Data:

For this purpose, we work using data about the price of houses

This file is collected from www.Kaggle.com.

Our data contains 21613 record.

Our data contains 21 columns.

Eight of the columns will represent the features.

The “price” column will represent the target.

Algorithm:

- Linear regression will be used to perform the regression and predict the price.

- Score metric will be used to evaluate the model.

Tools:

Jupyter .

Numpy , Pandas , Sklearn , matplotlib and seaborn libraries will be used in our work.

Holdout:

- Accuracy Score: 69.3