PREDICTING HOUSE PRICE USING MACHINE LEARNING

Phase - 3

We started building our project by loading the dataset, Data processing and exploratory data analysis in Google colab Notebook.

Loading the Dataset:

Downloaded the **USA_Housing.csv** dataset from the Kaggle

We loaded a train.csv dataset using the **pandas** library.

Data Processing:

Now, we categorize the features depending on their datatype (int, float, object) and then calculate the number of them.

```
dataset.shape

(5000, 7)

obj = (dataset.dtypes == 'object')
object_cols = list(obj[obj].index)
print("Categorical variables:",len(object_cols))

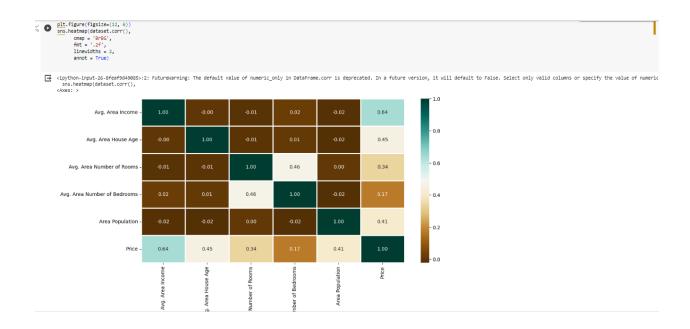
int_ = (dataset.dtypes == 'int')
num_cols = list(int_[int_].index)
print("Integer variables:",len(num_cols))

fl = (dataset.dtypes == 'float')
fl_cols = list(fl[fl].index)
print("Float variables:",len(fl_cols))

Categorical variables: 0
Float variables: 6
```

Exploratory Data Analysis:

EDA refers to the deep analysis of data so as to discover different patterns and spot anomalies. Before making inferences from data it is essential to examine all your variables. Using Seaborn libraries.



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