How I froceeded?

- > Firstly find a dataset from kaggle's discussion zone and got a dataset for houses in California.
- > Then I use Pandas library to store the dataset for manipulation.
- > Then I plotted some graphs, actually learned to plot graphs via matplotlis and seaboun libraries.

Data Cleaning ->
7 Then I came to know that I had some NULL values in some columns, so I replaced the mull values of the column with median value so that it is easy for me to judge.

Persparing Target Variable & Input Features variable > Then I loaded my input features into a vourable X and loaded what I desire out from this model in 'y' (Target).

> 1 + data cet was love and diverse, I will

Z- Score Mormalisation on the feature which scales the features based on:

I did this with skleam, preposers library
by importing Standard Scaler () function for
standar dization

Splitting The Dota:

- Before toaining the model, we divide our dataset into two or three parts, majorily two. Those are:
 - 1) Training set . Study material for your model.
 - 2) Testing Set

 This is a new data that the model has
 not seen before & will be used to evaluate
 the model.

to will inhant the test shift from skleager, model-selection

which returns Y values, splitted data, orgumente passed are (features, output, test size, random state (keeps splitting random))

Train the Model:

For training via lineau sugression:

from sklearn. linear_model import Linearkegussion.

* So we put our training data in fit femetion of linear oregression.

What it does is that it takes input features and known suffert to find the coefficients and bias term for the eq.

y = Zw;x; +b

Contributing for the learning part.

model. intercept \longrightarrow bias term model. $coeff \longrightarrow$ weights for feature

Make frediction -

* Use model is score or prediction function to make

bredictions: The score functions calculate an R-score which determines how much variancy is my model ergarding instead of returning a mean valued amence on a scale of 0 to 1.