

MD FAKRUL ISLAM (613839)

Master's in computer science, Data Science Track

Maharishi International University

Predict Pricing of Boston Housing Using Boston Housing Dataset in Google Collab.

Linear Regression Model

The Linear Regression model is one the oldest and most widely used machine learning approaches which assumes a relationship between dependent and independent variables. For example, a modeler might want to predict the forecast of the rain based on the humidity ratio. Linear Regression consists of the best fitting line through the scattered points on the graph and the best fitting line is known as the regression line.

The goal of this exercise is predicting the housing prices by the given features. Let's predict the prices of the Boston Housing dataset by considering MEDV as the output variable and all the other variables as input.

The whole exercise is done in Google Collab.