Assignment 3 Ridge Regression

In various types of regression models we are try to predict the numerical output based on some given input. Linear regression is a basic algorithm for regression, in which a linear relationship between the input and output data is formed. In other linear regression models, an extra penalty term is added with the loss function during training to encourages simpler models with having smaller coefficient values.

Ridge Regression is an example of regularized linear regression that includes an L2 penalty. This has the effect of shrinking the coefficients for those input variables that do not contribute much to the prediction task.

In this, I'm trying to perform the ridge regression on Boston Housing dataset.







