

REPORT

Lab4.House Price Prediction using LR with Regularization

In this lab we have learned how to build regression models to predict the sales price of houses using given dataset.

By understanding the given data if there are any missing values then we need to clean (pre-processing)

On this scenario we have categorical data here our job is to convert categorical data to numerical data think that if you have very huge dataset with the help of `get_dummies()` library this will convert all the categorical data to numerical data then we rebuild linear regression model.

As like the previous regression problem here we apply standard scaler and minmax scaler to normalize then we are comparing the performance of our LR model with various regressor like SGD regressor, RidgeCV and LassoCV.

Then finally will compute Root Mean Squared Error values by using `numpy.sqrt()` method then compare with all models what we have performed.