

Exercise 1: Use the data1.csv to build a simple linear regression from scratch without using sklearn libraries and print the RMSE and mean absolute error values.

Exercise 2: Use the train.csv file to build a multiple linear regression model. sklearn shall be used to fit the model. Perform necessary preprocessing and check for outliers and multi-collinearity.

Apply the same set of preprocessing to the test.csv and use the data to predict the house price. The evaluation criteria will be Root Mean Squared Error