**House Price predictions using Linear Regression**

* Pandas, matplotlib, seaborn, numpy and scikit-learn were used
* Divided the train.csv dataset into train +test(0.3) data
* Selected the columns such that the Loss function(RMSE) is minimized
* Therefore, out of 15 columns only 5 were chosen that is - ['nitrogen\_o2','room per dwelling', 'distance', 'pupil teacher ratio', 'lower']

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* Applied Linear Regression on the dataset taking ‘medv’ as the value for testing

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* The model was tested on the test data set and the Loss function came out to be as RMSE = 4.685090A screenshot of a computer code

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* Once the perfect pair of parameters were found which minimized the loss function, the model was then allowed to predict the house price in the test.csv file. And the output was saved as predictions.csv

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