


Linear Regression

1. Name your file **linearRegression.py**.
2. The data folder is already located in the ./realestate.csv of GradeScope but you can also download it here if you want to test it on your local machine. Further information about the dataset can be found [here](https://archive.ics.uci.edu/ml/datasets/Real+estate+valuation+data+set) 
(<https://archive.ics.uci.edu/ml/datasets/Real+estate+valuation+data+set>)_.

3. You can follow the templates in the starter code but it is not mandatory, so if you feel more comfortable coding in your own fashion, feel free to do that as long as you meet the grading criteria in the next point.
4. The major chunk of your grade will come from sections in the starter code which mention you to report certain values.

The values which are graded are -

1. ***Best_st*** → ***101 Prescribed value***
 2. ***best_MAE*** → ***>= 5.00 Prescribed value***
 3. ***best_MSE*** → ***>= 45.00 Prescribed value***
 4. ***best_RMSE*** → ***>= 6.00 Prescribed value***
 5. ***Most_sig_col*** → ***'Conv_stores' Prescribed value***
 6. ***intercept_val*** → ***val > 40.0 and val < 45.0 Prescribed value***
5. Remember don't cheat by just assigning values to these variables, otherwise, you will get 0 immediately.
 6. Please see more details in the templates.