Please find 2 assignments for homework this week. The homework should be handed in this week. If you have a Github, please commit to Github and send me the link via email or slack. If you don’t have Github, consider signing up for one or send me the codes via email for this time, and we can later register you there.

My email: [rpsahakyan@gmail.com](mailto:rpsahakyan@gmail.com)

In the **folder ‘Fillin’** you will find a data.csv and jupyter notebook. The notebook has some missing codes, but the output is there. Try to recreate the output in the line above. There are also bonus exercises, feel free to try them out.

In the **folder ‘Regression data’** is the data we were working on in class. It has test.csv and train.csv. Using this data try to find the reason that some predictions for the regression were negative for the price. You can easily separate those data by using:

test = pd.read\_csv(‘test.csv’)

negatives = test[test['Predicted']<=0]

Use visualization techniques or other pandas techniques to find some interesting differences between the predicted positive and negative prices.

Your homework is considered complete, when you have tried several data analysis techniques to find useful information. Even if you don’t find any pattern, this doesn’t mean you fail the homework. So, please provide the codes of data analysis.