

# A Guideline for Playing with Code

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To make it convenient to replicate our results, three ipynb files and their accompanying dataset are uploaded separately, so that pieces of code can be easily fixed or improved.

- **data\_collection.ipynb and Lianjia\_raw.csv**

This file tries to automatically scrap data from Lianjia website. The output is raw data.csv.

- **data\_preprocessing.ipynb and Lianjia\_transformed.csv**

After importing raw data.csv, the datapreprocessing.ipynb conducts data processing procedures and the output is data\_transformed.csv.

- **model.ipynb**

It does regression analysis using the dataset data\_transformed.csv.

You are kindly reminded that if the code is going to be run on your computer, the working directory should be reset correspondingly.