

A Guideline for Playing with Code

DAI Qiyu 1155141616

November 25, 2022

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.