Files list

Two python files:

1. crime_data_process.py (This is pre-processing of crime data)

2. **map_building_house_adding.py** (This is Main Codes part)

3. test.py (unittest of map_building_house_adding.py)

Data files (under data_files folder):

1. crime.csv (original csv file, downloaded from https://data.sfgov.org/Public-Safety/Police-Department-Incident-Reports-2018-to-Present/wg3w-h783/data)

2. crime_rate_output.csv (After- processed file, with two columns: zip code and crime count)

3. A house list: house_list.xlsx (Created myself, sources collected from Zillow: https://www.zillow.com/)

4. mapsf.json (a json file with geo-info needed for drawing sf map, retrieved from https://geodata.lib.berkeley.edu/catalog/ark28722-s7jg7w)

One Jupyter notebook file(under slides and jupyternotebook file folder):

1. CS5001-Presentation-Final Version.ipynb

   (If you want to run it, please download jupyter notebook. https://jupyter.org/)

Html files:

1. **Where_to_live_in_SF.html** (This is the final complete html version)

   Or you can access it by the github link: https://fentpam.github.io/WhereToLiveInSF/

Slides in PDF(under slides/presentation file folder):

slides_Xinyi.pdf