* Data sources used, including instructions for a user to access the data sources
* Any other information needed to run the program (e.g., pointer to getting started info for plotly)
* Brief description of how your code is structured, including the names of significant data processing functions (just the 2-3 most important functions--not a complete list) and class definitions. If there are large data structures (e.g., lists, dictionaries) that you create to organize your data for presentation, briefly describe them.
* Brief user guide, including how to run the program and how to choose presentation options.

Data source

U of m off campus housing: <https://offcampushousing.umich.edu/>

Google place API: Geo coordinate information

Code structure:

Housing\_final.py:

Get\_housing(): scrape from the u of m off campus housing site

Create\_housing\_database()

Populate\_housing\_database()

Model.py:

get housing(): access the database and based on the input criteria

maponplotly()

graph()

bar()

User guide:

Search/filter

List view/map view