Team :
Bust a Move

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Please provide one paragraph description of the goals of your project. You can list the same description from the previous deliverable or provide new details about aspects that have changed since Week 4.

- As a consequence of the pandemic, many companies have shifted to more permanent remote-work policies. This has likely impacted migration from high density cities to smaller and more rural cities and towns, especially in the western US. We are interested in visualizing these migrations and their effects on the demographics and resources of these smaller cities and towns.

For each source of data that you expect to use, please list the source of data, who will be responsible for collecting data from that source, and a date by which you expect the work of gathering the data from that source to be complete.

1. Data on GPS activity in a county broken down by type of place
    a. Google Mobility Data
    b. Already collected in csv format (Norah)
2. Data on real estate prices / forecasts
    a. Zillow Data- Already collected from Zillow website in CSV (Shobitha)
    b. Mashvisor - Still deciding if this data will add value to the project (March 2nd)
3. Median income data by county (Katy/ Shobitha)
    a. From Census API
    b. Already collected, need in CSV format
4. MSA (Metropolitan Statistical Area) to county code crosswalk data (Katy)

Please give a brief sketch of the work that needs to be done to complete your project (other than data collection), include a description of which team member(s) will be responsible for completing this work and the expected timeline for completion

1. Creating visualizations

- Map of US at county or MSA level, color coded by a metric for housing prices (Norah - March 1st)
- For individual counties / MSAs
    - Graphics about gps activity (Norah - March 5th)
    - retail/ parks and rec etc
    - Graphics about housing prices (Shobitha)

    - Graphics about income relative to housing (Katy)
2. Creating a django application to present visualizations - Shobitha - March 4
    - Decide on general layout of app
3. Collect census data from API and put into database
4. Put data into sqlite database (Katy) - By March 5