

Describe the data that you will be using to solve the problem or execute your idea. Remember that you will need to use the Foursquare location data to solve the problem or execute your idea. You can absolutely use other datasets in combination with the Foursquare location data. So make sure that you provide adequate explanation and discussion, with examples, of the data that you will be using, even if it is only Foursquare location data.

We want to make this homebuyer's journey less stressful and more clear by providing data about the neighborhoods in Berkley. We will compare categories such as mortgage rates, home valuation, and other property data, and neighborhood/ community of each neighborhood, using Zillow's API. We will be using Foursquare's API to get location data about venues in each neighborhood.

The following data is required to accomplish our goal:

- List of neighborhoods of Berkeley with their geographical coordinates
- List of homes on the market with their prices and address location
- List of schools in each neighborhood
- Venues for each neighborhood