Project 2 – “Home Sweet Home”

Summary:

What matters to you in a town? For this project, we’ll be asking users what is most important where they live (income, crime, education, climate, cost of living, etc) and displaying info for which CA zip codes match their preference.

Web-page type:

Dashboard w/ 4 panes:

Leaflet.js map

D3.js enabled ordered list to pick zip codes

Radar chart with **anychart.js**

A text pane to display facts about the zip code

User inputs: 2:

1. Pick demographic variable
2. Pick zipcode out of list of top 10

Flask routes: 3:

1. Zip codes sorted by variables
2. Variables for that zip code
3. Dashboard page
4. Flask route for facts on zip code

Views:

1. State/zip code choropleth by use variable
2. Radar chart
3. Scatter plot in tooltip

Data source:

ATTOM Community API (300+ variables by zip code) (stored in JSON -> SQLite)