

Coffee Shops & Gentrification



Team Members

- Kevin Taylor - Data Munging
- Gary Frankhauser - Leaflet and Mapping Landing Page
- John Warlop - Flask and Heroku Integration

Project Objectives

- Does the introduction of coffee shops foretell the gentrification of the surrounding neighborhood?
- If so, could knowing this be used as a way to figure out which neighborhoods would be the best to invest in

Data Munging/Collection/Cleaning (Kevin)

- Collected data from RedFin spanning 2012-2018
- Foursquare API to gather information on coffee shops
- GeoJSON data for San Diego neighborhoods
- Merge data sets

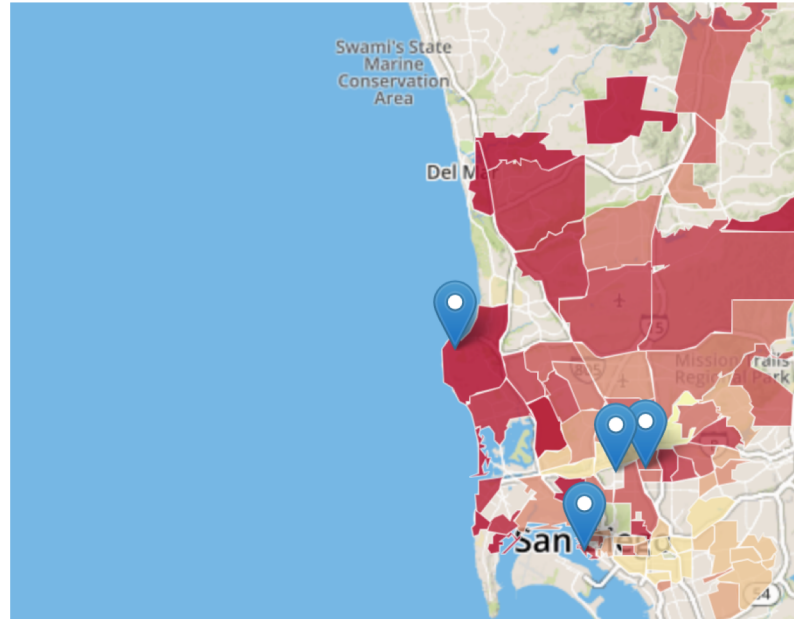
Mapping page w/Leaflet (Gary)

- Mapbox to create map of project area
- Leaflet and JQuery to create Time Slider for coffee shops data points
- D3 to create choropleth of Median Housing Prices

Landing page and server side integration (John)

- Landing page
- Flask integration of team member files
- Heroku integration

Site Demonstration(Gary)



Project Challenges

- Housing data difficult to attain
- Cleaning data from multiple sources
- Accessing as much data as we needed proved to be too much to handle
- Integrating JQuery time sliders w/choropleth