Koala-ty Group Project

Objective: Mark is moving to San Diego, looking for the best neighborhood to reside

Criteria: 1) 5 mile radius from Balboa Park

2) low amount of complaints

3) low amount of potholes reported

4) adequate parking

5) best neighborhood based on price

Data: 1) San Diego 311 data

2) U.S. Census data

3) Google Maps

4) Zillow data

Process: 1) 311 csv data as baseline, used pandas to clean data, used census location api to add census tract information dataset and visualize in Google Maps via heatmap. Matplotlib was used to visualize information on select neighborhoods. Decided on Tableau for data visualization for final presentation.

2) Utilized several census api calls to gather san diego population/age/income/education level, used pandas to clean/merge data. Tableau was used for data visualization.

3) Zillow csv data to gather information on average rent for a 1bdrm for each neighborhood and merged to dataset using pandas.

4) Numpy was used to test various theories. Population had low significance to call volume.

Conclusion: Recommend moving to North Park to provide best quality of life based upon the criteria set by Mark.