# Data Collection & Python Libraries:

Data Section

Sacramento Neighborhood Names and Co-ordinates collected from Google.

It has 50 neighborhoods.

Foursquare API:

It has a database of more than 105 million places. Foursquare API is used as the prime data-gathering source.

Python Library Files:

• Pandas - Library for Data Analysis

• NumPy – Library to numeric functions

• JSON – Library to handle JSON files

• Folium – Map rendering Library

• Matplotlib – Python Plotting Module

• Geopy – To retrieve Location Data

• Requests – Library to handle http requests

• Sklearn – Python machine learning Library

Folium:

Python visualization library is be used to visualize the neighborhoods cluster distribution of Sacramento city over an interactive leaflet map.