Peer-graded Assignment: Capstone Project - The Battle of Neighborhoods (Week 1)

**Introduction**

San Jose is a large city surrounded by rolling hills in Silicon Valley, a major technology hub in California's Bay Area. San Jose is one of the most ethnically diverse cities in the U.S. – and it’s reflected in its cuisine. A visit to San Jose makes it easy to indulge in authentic flavors and cooking styles from around the globe. Browse some of the best places to eat in the Bay Area and create your own food crawl through our cultural neighborhoods to sample Vietnamese, Portuguese, Indian, and Greek food.

**Problem Description:**

A restaurant is a business which prepares and serves food and drink to customers in return for money, either paid before the meal, after the meal, or with an open account. The City of San Jose is famous for its excellent cuisine. For a traveler it will be a mundane task to identify a good restaurant according to his cuisine. This project is to help a traveler to find a reasonable and good restaurant.

**Data Requirements**

For this project, I will be utilizing the Foursquare API to pull the following location data on restaurants in San Jose, CA:

* Venue Name
* Venue ID
* Venue Location
* Venue Category
* Count of Likes

Data Acquisition Approach

To acquire the data mentioned above, I will need to do the following:

* Get geolocator lat and long coordinates for San Jose, CA
* Use Foursquare API to get a list of all venues in SanJose
  + Get venue name, venue ID, location, category, and likes