1. Introduction/Business Problem

For this project, a successful restaurant in Berkeley, CA is interested in opening a new restaurant in Chicago, IL. They believe that most of their success in Berkeley is due to the fact that their neighborhood, Gourmet Ghetto, is located near a university and contains many different types of venues. They would like to find the neighborhood in Chicago that is most similar to their current location. In order to do so, location data from Foursquare will be pulled and used to compare the neighborhoods according to their most popular venues. Additionally, the list will be ordered by distance from the University of Illinois at Chicago. The final deliverable of this report will be an ordered list of the neighborhoods in Chicago that are most similar to the restaurant's current location in the Gourmet Ghetto, Berkeley, CA.

2. Data

In order to address the business problem above, Foursquare location data will be used to obtain the top 100 venues within 500 meters of each neighborhood in Chicago and of the Gourmet Ghetto. To obtain a list of the neighborhoods in Chicago, a .csv file will be pulled from www.data.cityofchicago.org. In order to plot the venues onto maps of each city, coordinate data will also be obtained for each neighborhood with the geopy library in Python. Lastly, this same library will be used to obtain the coordinates for the University of Illinois at Chicago.