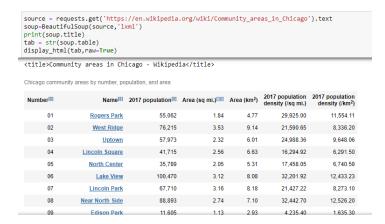
The Battle of Neighborhood – Chicago

Data

The list of Chicago communities is taken from the following Wikipedia page:

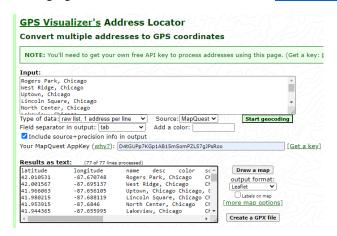
https://en.wikipedia.org/wiki/Community areas in Chicago

Beautiful soup is used to scrape the web page.

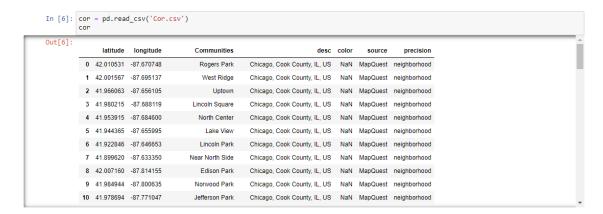


Pandas dataframe created to store communities' details.

The communities' coordinates were taken from MapQuest https://www.mapquest.com/ through geocoder of GPS visualizer website https://www.gpsvisualizer.com/geocoder/.



The data were stored in a csv file. Pandas dataframe were created to store the data.



Then, FourSquare API utilized via the Request library to get the venues details of each community.



After that, K-Means is used to cluster communities.



Finally, I analyze the data and chose the best location for the restaurant.