The Battle of Neighborhoods: Coursera Capstone Project

Opening a new Japanese Restaurant in Manhattan and Queens, New York City.

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Data:

1. Data Downloaded from:

It is a New York city data with city features, the features in *json* file as Python dictionary key provides a list of neighborhoods. To extract other desired dictionary keys, I can create a *Pandas Dataframe* with columns including boroughs in New York Cities, neighborhoods in each boroughs and geographic coordinates for each neighborhood.

2. Japanese restaurants in Queens and Manhattan's Neighborhoods of New York City.

Source: Foursquare API

By using this API, I will get all the venues in the Queens and Manhattan's neighborhood. I can filter these venues to get Japanese restaurants.

3. All type of restaurants in in Queens and Manhattan's neighborhoods of New York City.

Source: Foursquare API

By using this API, I will get all the venues in the Queens and Manhattan's neighborhood. I can filter these venues to get all type of restaurants.

Given the geographic coordinates of each neighborhoods, the project explores the popular venues in each neighborhood using Foursquares API. The venues information dataset will be leveraged to analyze the business problem.