IBM Applied Data Science Capstone Week 4

Introduction of business problem:

Taipei is the capital city of Taiwan, one of the famous characteristics of Taipei is its diverse type of restaurant. Furthermore, the density of restaurant in Taipei is significantly high, people can always find what they want to eat around them. It is very convenient, however, it is also a big problem for entrepreneur who wants to open a restaurant in Taipei. In this analysis we are going to see which place is ideal to open a new 'Japanese' restaurant. We will combine our analysis with machine learning technique and the map data of Foursquare API and Wikipedia.

Data requirement:

1. Taipei neighborhoods data from Wikipedia

2. Latitude and longtitude from Geocoder package

3. Venue related data from Foursquare API