## Capstone Project - The Battle of Neighborhoods (Week 1)

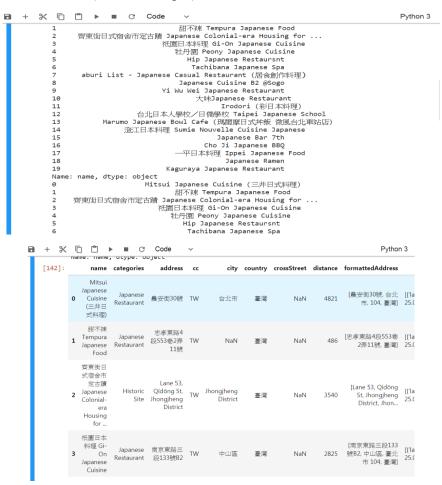
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description of the data and how it will be used to solve the problem

In case, I will use Foursquare API to search for venues and make the call to the Foursquare database and in return, I use K-means clustering to do classification restaurant style and distance, the data form:

'https://api.foursquare.com/v2/venues/search?client\_id={}&client\_secret={}&ll={},{} &v={}&query={}&radius={}&limit={}'.format(CLIENT\_ID, CLIENT\_SECRET, latitude, longitude, VERSION, \*\*\*\_query, radius, LIMIT)

Return result like this: (this is example)



And I must analysis distance for venues, sightseers will understand how many restaurant style, address, telephone number and distance, the school side will can make restaurant guide information for sightseers.