Final Project Report
Battle of the Neighbourhoods-Asian Delicacies in Seattle

Introduction/Business Problem

As the number of people migrating to the city of Seattle is at its peak due to its affinity towards tech culture, it has led to a significant increase in the Asian population in the new technology hub of the United States. This has led many businessmen in the food industry to show interest in expanding their franchise or opening new Asian cuisine restaurants in the city. Therefore, the problem to be addressed in this project is to find out the most popular neighbourhood in the city of Seattle to open an Asian Cuisine restaurant that would help the businessmen to make an informed decision.

Data description

The data to be used for this project is acquired from the three following sources -

Seattlearea.com - A website named Seattle-area, this is a local website for the city of Seattle which has all the information about the city including neighbourhoods, their zip codes etc. We will be scraping the text from this website in the form of crucial information for our project, i.e. neighbourhood names and their respective zip codes.
Link - http://seattlearea.com/zip-codes/

Geopy - Next, we will use the python library geopy to extract the coordinates of all the neighbourhoods of the city of Seattle for further processing and data pre-processing.

Foursqaure API - We will be using this API to find out all the popular food/leisure locations within a 500 feet radius of each neighbourhood's location to further narrow down our search for the best neighbourhood to open an Asian cuisine restaurant