Introduction

This is my Data Science Capstone project, I am setting the location to Montreal, Quebec, since this is where I am currently residing. I am creating a concept of building a small food business here and want to find where the best strategic place for Asian Restaurant. So if a businessman wants to ask me where is the best place, I can easily point to him where and why.

Problem

With so many Asian food businesses here in Montreal, it is hard to point out if the planned business will be profitable and not a liability. Using Data Science, we can predict the best place and situation, most of all, the chance of having a profit.

Data

- Montreal Postcode:
  https://en.wikipedia.org/wiki/List_of_postal_codes_of_Canada:_H
- Geolocation using googlemaps API

Extracting the Data
- Scrapping the postcode data of montreal using request module
- Using googlemap module, get the longitude and latitude of each postcode
- Combine data
- Use K-Means and represent it in a map using folium

Method

1. Get all the postcode of Montreal
2. Locate each longitude and latitude of each place
3. Using Foursquare, we get all the nearby food businesses
4. Analyse the data
5. Predict the best location

All codes and computation are in the Notebook provided.