Chinese restaurant in Toronto

Introduction

This project is going to find an ideal place to open a Chinese restaurant in Toronto. People plan to opening a Chinese restaurant can be interested in this report. Also, people interested in opening other kind of restaurant can refer to the model we build in this project.

Data

The data we use are all about the city of Toronto. What we need is:

Neighborhood and borough information to identify our object of study. This information is from Wikipedia[1].

To get the venue information, position of each neighborhood is needed. This information can also help us to eliminate the isolated neighborhoods on map. Position information about Toronto is from Geocoder[2].

Getting to know the number of Chinese restaurant in each neighborhood, as well as other venues information is a must. Venues information in each neighborhood is from foursquare.com[3].

Chinese restaurant is more popular among Chinese immigrates, so our decision making also needs the information of the Chinese immigrates fraction. To identify neighborhood with higher potential customers, we also get the demographics of Toronto from Wikipedia[4]

Reference
[1] https://en.wikipedia.org/wiki/List_of_postal_codes_of_Canada:_M
[2] https://geocoder.readthedocs.io/index.html
[3] https://foursquare.com/
[4] https://en.wikipedia.org/wiki/Demographics_of_Toronto