

IBM Data Science Capstone

Final Project

Week 4 - Project Description

Opening of a new Chinese Restaurant Business and Finding best place to live for a Chinese Migrant Chef in Toronto Canada

By
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INTRODUCTION

This project is for a Chinese migrant to Canada who is a chef and wants to migrate to Toronto and setup his own Chinese restaurant business. He prefers to both live in a Chinese neighborhood and open restaurant in a Chinese neighborhood too obviously. As we know there are not too many restaurants with Chinese cuisine in Toronto Canada. So, this might be an interesting idea for a new startup.

As such cuisines are very popular in Chinese community, and also among some locals, it might be a good idea to start a setup but it might work even better in areas of Chinese communities so the first objective before starting this idea will be to identify such localities and to figure out if we have enough of such localities in Toronto to open up such a business and if yes, then where to start such a business.

Business Objectives

Our business idea has following key problems to identify and resolve:

- Areas in Toronto which have good Chinese restaurants
- Areas in Toronto which have Chinese communities
- Best option to start a new restaurant in Toronto according to Chinese community

- Best locality to live where Chinese community is around.

Data Needed

Following data shall be needed:

- List of neighborhoods in Toronto, Canada
- Latitude and Longitude of these neighborhoods
- Venue data related to Chinese restaurants. This will help us find the neighborhoods that are more suitable to open a Chinese Restaurant.

Methodology

- Scrapping of Toronto neighborhoods using Wikipedia
- Getting Latitude and Longitude data of these neighborhoods via Geocoder package
- Using Foursquare API like done in course