Using Data Science Methods to Find Locations to Open a Chinese Restaurant

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1. Introduction

1.1. Background

Toronto, city, capital of the province of Ontario, southeastern Canada. It is the most populous city in Canada, a multicultural city, and the country's financial and commercial centre. Toronto is an international centre for business and finance. Generally considered the financial capital of Canada, Toronto has a high concentration of banks and brokerage firms on Bay Street, in the Financial District. The Toronto Stock Exchange is the world's seventh-largest stock exchange by market capitalization. The five largest financial institutions of Canada, collectively known as the Big Five, have national offices in Toronto. The city is an important centre for the media, publishing, telecommunication, information technology and film production industries; it is home to Bell Media, Rogers Communications, and Torstar. Other prominent Canadian corporations in the Greater Toronto Area include Magna International, Celestica, Manulife, Sun Life Financial, the Hudson's Bay Company, and major hotel companies and operators, such as Four Seasons Hotels and Fairmont Hotels and Resorts.

Toronto with a lot of people and a lot of culture is a wonderful land to start a new F&B business. In 2016, about 11.1% Toronto people are Chinese and it increased to about 12% in 2019. There may be a great chance to begin a new Chinese restaurant in Toronto. We think there are not enough Chinese restaurants in Toronto at the moment due to high rate of Chinese people. Moreover, the number of Chinese is increasing in Toronto year to year, they need more Chinese restaurants.

1.2. Business Problem

The object of my project is to find the most suitable location for someone who want to open new Chinese restaurant in Toronto. Using data

science methods, data analysis method, machine learning tools such as clustering, the project provides solutions to answer the question: If some people want to open a new Chinese restaurant in Toronto, where they can consider to open it?

1.3. Target Audience

Some people who wants to find the location to open authentic Burmese restaurant.

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