

Chinese Restaurant in Toronto Neighborhood

Predicting the Profitable Neighborhood to open a chinese restaurant



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1. INTRODUCTION

1.1 Background

Chinese cuisine is an important part of [Chinese culture](#), which includes cuisine originating from the diverse regions of [China](#), as well as from Chinese people in other parts of the world. Because of the [Chinese diaspora](#) and historical power of the country, Chinese cuisine has influenced many other cuisines in [Asia](#), with modifications made to cater to local palates. Chinese food staples such as [rice](#), [soy sauce](#), [noodles](#), [tea](#), and [tofu](#), and utensils such as [chopsticks](#) and the [wok](#), can now be found worldwide.

1.2 Problem

Though Chinese recipes are served by many restaurants, there will be some authentic flavour missing most of the time. So, people tend to go for dine out or look out to order from chinese restaurants to have all flavours packed in dishes. But, is it profitable to open these restaurants in a random neighborhood ? No, We should consider the neighborhood and interests of people nearby.

1.3 Interest

- Stakeholders or people interested in Food & Beverage business would be interested to find out profitable areas.
- Investors would be interested to invest capital amounts in such restaurants.
- Data Scientists who analyze Neighborhoods would like to know such details.

2. DATA ACQUISITION AND CLEANING

2.1 Data Sources :

- Toronto City data that contains list Boroughs, Neighborhoods from Wiki https://en.wikipedia.org/wiki/List_of_postal_codes_of_Canada:_M
- We get geolocation including latitude, longitude and Postcode from http://cocl.us/Geospatial_data

- Using FourSquare API , we get all venue details in Neighborhood . It helps us in clustering neighborhood.

EXPLORATORY DATA ANALYSIS

3.1 Data Cleaning

3.2 Feature Selection

PREDICTIVE MODELING

CONCLUSION

REFERENCES