

LOCATION RECOMMENDATION

**For opening new ramen
restaurants in Toronto**



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TABLE OF CONTENTS

INTRODUCTION 1

DATA 1

INTRODUCTION

As the largest city in Canada, Toronto combines multi cultures, traditions and foods from all over the world. One of the most popular food you can find in the city is Japanese ramen. While walking on areas like downtown or North York, you will often see find some ramen places that are full of people line up outside, despite winter or summer.

For owners who wish to open a ramen restaurant, they need to know where the other ramen places located. This is important because it provides owners an overall picture of where their competitors and customers will be mainly located.

This project analyzes all ramen and sushi (that provides ramen) places in Toronto's boroughs and neighborhoods, and groups similar kind of areas into a cluster, based on ramen places' like, price and other features, and eventually give owners a guideline of where the new ramen places can be located.

DATA

For this project, the following data will be used for analysis and modeling:

- **Toronto postal code & neighborhood data** – *this dataset provides postal code, boroughs and neighborhoods for the entire city*
- **Venue data returned from Foursquare API** – *this dataset is an addon based on neighborhood data. It provides venues info including location, reviews, likes, etc. In our case, we will focus mainly on ramen and sushi places within each neighborhood.*