Predicting the best locations to open a new Indian restaurant in Toronto City

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1. Introduction:

## Background:

## Toronto is the provincial capital of Ontario and the most populous city in Canada, with a population of 2.7 million. Toronto covers an area of 630 square kilometers (243 sq. mi), with a maximum north–south distance of 21 kilometers (13 mi) and a maximum east–west distance of 43 km (27 mi).

## Toronto is a culturally diverse city,becoming home to many fine dining establishments and chain restaurants ranging from fast food to casual or upscale dining. This makes Toronto one of the popular targeted places for stakeholders to start a new business. Simultaneously it will be overwhelming in making a choice on which location to open a new restaurant.

* 1. Business Problem:

In this capstone project, I will make an analysis on which would be the most appropriate location for opening a new Indian restaurant in the city of Toronto. So, this project will be helpful to those stakeholders who are planning to open a new Indian restaurant in Toronto.

In this project, I will be considering the following factors in analyzing data to find out which would be the best location for opening a new Indian restaurant-

* As the project focuses on Indian restaurant, I’d be interested in those neighborhoods in Toronto which have no or very few Indian restaurants to attract more customers and also decrease competition.
* I would also be considering how far is that neighborhood from the center of the city, which is highly populated, to make sure the customers don’t have to travel a very long distance as that may affect the business in an unwanted way.
  1. Interest:

As the project suggests the best locations for opening a new Indian restaurant, this is targeted to the stakeholders who are interested in opening a new restaurant in the city of Toronto specifically an Indian restaurant.

1. Data:

## Data sources:

Data for this project is collected from multiple sources. First the Geographical data of Neighborhoods in the city of Toronto is collected by scraping the postal codes of Toronto city.

Then, using geojson, latitudes and longitudes of all these Neighborhoods are

* 1. Data cleaning

1. Methodology:

Exploratory Data Analysis:

1. Discussion
2. Conclusion
3. References