

Introduction:

A successful Businessman with more than 50 restaurants in India is planning to expand his business in Toronto, Canada considering there are lot of Asians (Indians) staying there. There are already lot of Indian restaurants in Canada, especially in Toronto and he is not sure where exactly to open. He needs an analysis of the neighborhoods in Toronto and want to understand the type of population in the neighborhood. Thus, as a Data Scientist, I am helping him in analyzing all the neighborhoods in Canada and identify the best location to open an Indian restaurant.

Business Problem:

The objective of this project is to identify the best location to open an Indian restaurant in Toronto, Canada. Thus, with the help of data science methods and machine learning techniques, the project aims in finding the most suitable location to open an Indian restaurant by considering the type of already existing restaurants, type of locality and demographics of that area.

Data:

In this project, I will be scraping the location data from Wikipedia which was explained during the course and then combining this data with the venues related data to Indian restaurants using FourSquare API.

- Get the neighborhood data from the Wikipedia page for Toronto for Latitude and Longitudes of each neighborhood in Json format and use Python to clean and convert it into the pandas dataframe.
- Combine this data with the venues related data for Indian restaurants using the Foursquare API which was introduced in this course.