

CAPSTONE PROJECT: BATTLE OF NEIGHBORHOODS

INTRODUCTION

Toronto, the capital of Ontario province is the most populous city in Canada and the 4th most in entire North America with a population of 2.9 million in 2017. Toronto is an international centre of business, finance, arts, and culture, and is recognized as one of the most multicultural and cosmopolitan cities in the world, attracting tourists as well as immigrants from various different parts of the world. Of the 2011 population, a whopping 49% of people living in Toronto are immigrants (higher than the Canada-wide 29%) of which the Indian community accounts for 6.3% of the total population. Having a considerable amount of Indian population in Toronto means a good chunk of people will be practicing Indian culture and customs in Toronto and the ethnic food is undoubtedly one of the biggest part of Indian lives. Research paper published by Joel Waldfogel found that Indian cuisine was the 4th most popular in the world hence all these factors indicate no shortage in demand of Indian restaurants in Toronto.

So, in this project we find the best place in Toronto to open a new Indian Restaurant.

DATA

For this project we used the following data:

- 1) Wikipedia page 'https://en.wikipedia.org/wiki/List_of_postal_codes_of_Canada:_M' to get data containing the postal codes of various regions of Canada.
- 2) Foursquare API: to get the information about different venues (Indian Restaurants) in Toronto.
- 3) BeautifulSoup for web page scraping.
- 4) "https://cocl.us/Geospatial_data": We will get the data of Toronto from here.