

Introduction

- Toronto is the most populous city in Canada and the largest urban and metro area, with a population density of 4,149.5 people per square kilometer (10,750/sq mi). Foreign-born people account for nearly half of the population of Toronto. Toronto is home to many ethnic neighborhoods such as Little India, Greektown, Corso Italia, Chinatown and Little Jamaica.
- With it's diverse culture, comes diverse food items. The cuisines of Toronto reflects Toronto's size and it's multicultural diversity. Different ethnic neighborhoods throughout the city focus on specific cuisines, such as authentic Chinese and Vietnamese found in the city's six Chinatowns, Korean in Koreatown, Greek on The Danforth, Italian cuisine in Little Italy and Corso Italia, and Indian in Little India. Numerous other world cuisines are available throughout the city, including Portuguese, Hungarian, Japanese, and Caribbean. In addition to ethnic cuisines, Toronto is also home to many fine dining establishments and chain restaurants ranging from fast food to casual or upscale dining.
- So as part of this project, we will list and visualize all major parts of Toronto that has great Indian resturants and the prospect of opening a new Indian Restaurant in the neighborhoods of Toronto.

DATA

 The demographics info of Canada that contains list Boroughs, Neighborhoods and their postal codes.

Data source: https://en.wikipedia.org/wiki/List_of_postal_codes_of_Canada:_M

Description: This data set contains the required information. And we will use this data set to explore various neighborhoods of Toronto.

Indian resturants in each neighborhood of Toronto.

Data source: Fousquare API

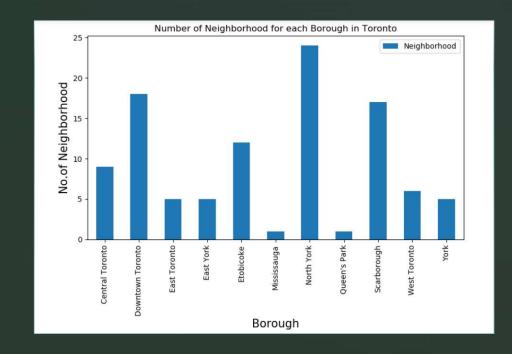
Description: By using this api we will get all the venues in each neighborhood. We can filter these venues to get only indian resturants.

GeoSpace data

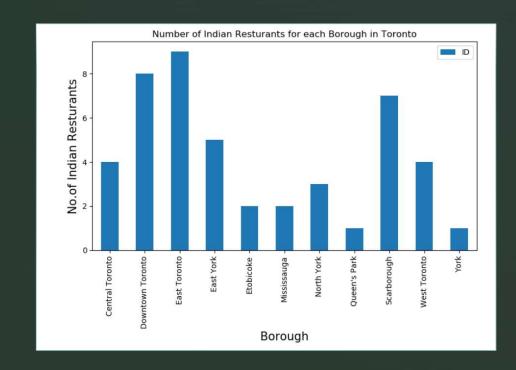
Data source: http://cocl.us/Geospatial data

Description: By using this geo space data we will get the Toronto Borough boundaries along with it's Latitude and Longitude values that will help us visualize choropleth map.

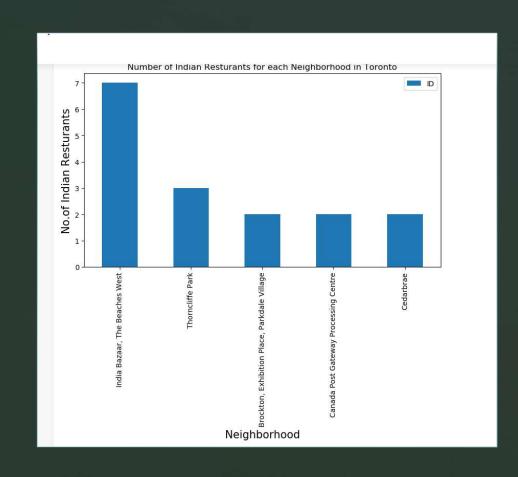
Number of Neighborhood for each Borough in Toronto



Number of Indian Resturants for each Borough in Toronto



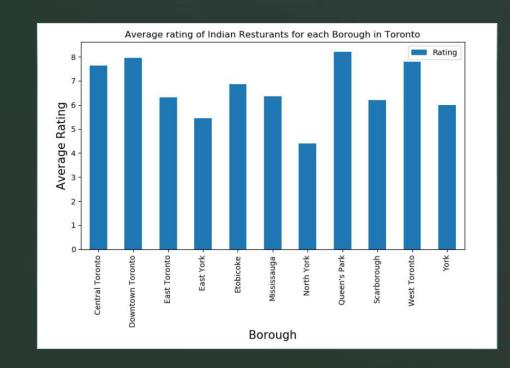
Number of Indian Resturants for each Neighborhood in Toronto



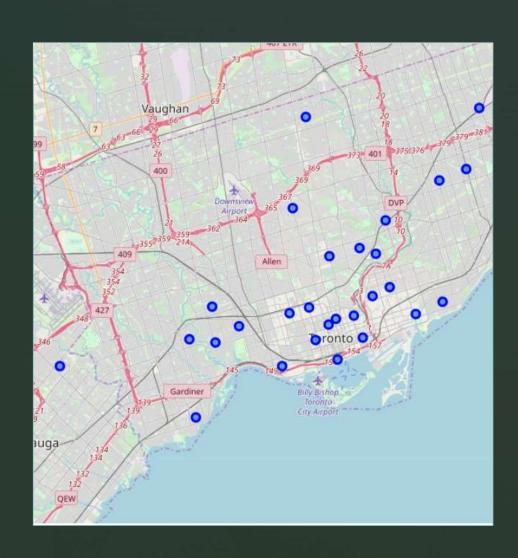
Neighborhoods with top rated Indian Resturants

Neighborhood	Average Rating
Cabbagetown, St. James Town	8.50
Christie	8.50
High Park, The Junction South	8.30
Queen's Park	8.20
Chinatown, Grange Park, Kensington Market	8.20
Church and Wellesley	8.20
Brockton, Exhibition Place, Parkdale Village	8.05
North Midtown, The Annex, Yorkville	7.95
Maryvale, Wexford	7.80
Harbourfront East, Toronto Islands, Union Station	7.50

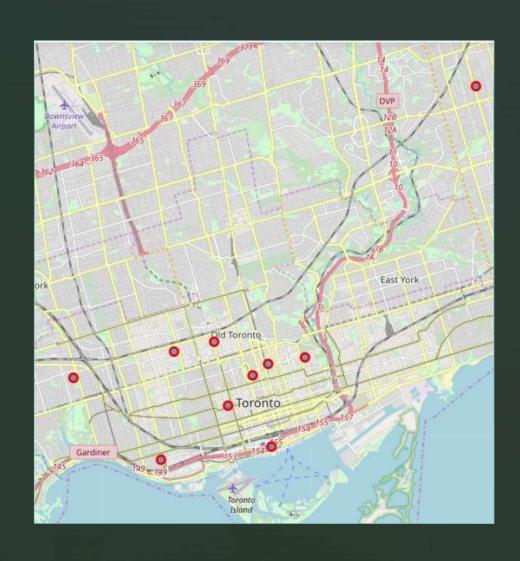
Average rating of Indian Resturants for each Borough in Toronto



All Indian Restaurants across Toronto



Top Indian restaurants in Toronto



Conclusion

The Indian Restaurant Market in Toronto is not quite explored inspire of Toronto sheltering a large number of Indian population. The below are the conclusions from the study:

- Central and Old Toronto are some of the best neighborhoods for Indian cuisine.
- East Toronto, Scarborough, York have great potential for new Indian Restaurants.
- East York last in average rating of Indian Restaurants.
- India Baazaar, The Beaches West is the best place to stay if you prefer Indian Cuisine.

Limitations

- The ranking is purely on basis of rating of restaurants.
- The accuracy of data depends purely depends on the data provided by FourSquare.