Battle of NeighbourHoods

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Introduction

Toronto is the provincial capital of Ontario. With a recorded population of 2,731,571 in 2016, it is the most populous city in Canada and the fourth most populous city in North America. It is a multi cultural place with diverse population, also known for its great food. Opening a new restaurant can be viable for Entrepreneurs or Business owners.

The idea of this project is to find the most popular type of restaurants in the city of Toronto. This information can be utilised to understand business aspects of opening a new restaurant in the city. Analysing the results can answer various questions like type of restaurant , location for opening the restaurant and many more.

Target Audience

The results and analysis of the project can be utilised by Entrepreneurs or Business owners who want to open a new Restaurant in Toronto.

Data

1. For the Toronto neighborhood data, a Wikipedia page exists `https://en.wikipedia.org/wiki/List_of_postal_codes_of_Canada:_M` that has all the information we need to explore and cluster the neighborhoods in Toronto. The Wikipedia page can scraped and wrangling, cleaning the data and then reading it into a pandas dataframe can result in a structured format. This can be further used for analysis.

2. To get the geographical coordinates of the neighborhoods , we will be using a csv file `http://cocl.us/Geospatial_data` that has the geographical coordinates of each postal code.

3. We will be using the explore function to get the most common venue categories in each neighborhood of Toronto, and then use this feature to group the neighborhoods into clusters.

References

1. Wikipedia contributors. (2020, June 28). Toronto. In Wikipedia, The Free Encyclopedia. Retrieved 14:49, July 6, 2020, from `https://en.wikipedia.org/w/index.php?title=Toronto&oldid=964883458`