Dan Brian Garza Espinosa

Capstone Report

Introduction: People from other sides of the world have a simple idea that also can be a dream, this dream is to live in a greatest city like New York or Toronto and a lot of more cities that can provide all that a family require: security, good lifestyle, etc. <u>In this project we can help a lot of people needed of comparison of these two cities for whatever purpose, the project is focus on what variety options have like food and leisure time.</u>

Data: All the data that can need this project will come through web scrapping to research zip codes and other crucial information that can improve this project. After this step will be related the information of the neighborhoods with all the information that foursquare can provides (Venues).

- Web scrapping for the neighborhoods of Toronto-Wikipedia https://en.wikipedia.org/wiki/List_of_postal_codes_of_Canada:_M
- Json data of New York zip codes-.json to dataframe
- Foursquare searching the most common venues- Foursquare API
- Geographical coordinates- geocoder (Python library)

Essential features to be extracted:

- Zip codes
- Neighborhoods
- Latitude, longitude
- Venues (Categories)- Limited Radius

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