

Capstone Project - The Battle of Neighborhoods (Part-1)

Data Section

Toronto: Toronto, the capital of the province of Ontario, is a major Canadian city along Lake Ontario's northwestern shore. It's a dynamic metropolis with a core of soaring skyscrapers, all dwarfed by the iconic, free-standing CN Tower. Toronto also has many green spaces, from the orderly oval of Queen's Park to 400-acre High Park and its trails, sports facilities and zoo.

In order to determine and find out the most common venues I needed to scrape the data from the website i.e. https://en.wikipedia.org/wiki/List_of_postal_codes_of_Canada:_M which contains the Postal Code, Neighborhoods & Boroughs for the Toronto City. But this information was not indeed enough, I also needed the latitude & longitude value for each of the neighborhoods, so to do that I took the help geopy library so fetch the latitude and longitude value for each and every neighborhood.

New York City: New York City comprises 5 boroughs sitting where the Hudson River meets the Atlantic Ocean. At its core is Manhattan, a densely populated borough that's among the world's major commercial, financial and cultural centers. Its iconic sites include skyscrapers such as the Empire State Building and sprawling Central Park. Broadway theater is staged in neon-lit Times Square.

To fetch the New York City data a json file was readily available on the following link https://cocl.us/new_york_dataset the only challenge with this was to extract the data from the json file and store the resultant in the form of pandas data frame.