Neighborhood Comparison between New York and Toronto

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August 09, 2020

1. Data acquisition and cleaning

1.1. Data Sources

The data has been collected from two sources. These are as below.
New York City Borough collected from URL https://cocl.us/new_york_dataset.
The Toronto City Borough collected from https://en.wikipedia.org/wiki/List_of_postal_codes_of_Canada:_M

1.2 Data Cleaning

The collected data for New York City Borough was in json format, these data then converted into Pandas data Frame. The Toronto City Borough was scared from the Wikipedia and then these data converted into pandas data frame easy analysis.
The Google Geolocation API has been used to extract the Latitudes and Longitudes of the Neighborhoods. I processed only those cell which have borough assigned to them. Below are the snapshot of the final data frame after cleaning.

Toronto Data:

	PostalCode	Borough	Neighborhood	Latitude	Longitude
0	M3A	North York	Parkwoods	43.753259	-79.329656
1	M4A	North York	Victoria Village	43.725882	-79.315572
2	M5A	Downtown Toronto	Regent Park, Harbourfront	43.654260	-79.360636
3	M6A	North York	Lawrence Manor, Lawrence Heights	43.718518	-79.464763
4	M7A	Downtown Toronto	Queen's Park, Ontario Provincial Government	43.662301	-79.389494
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Table 1: Quick Overview of Toronto Neighborhood

New York City:

	Borough	Neighborhood	Latitude	Longitude
0	Bronx	Wakefield	40.894705	-73.847201
1	Bronx	Co-op City	40.874294	-73.829939
2	Bronx	Eastchester	40.887556	-73.827806
3	Bronx	Fieldston	40.895437	-73.905643
4	Bronx	Riverdale	40.890834	-73.912585
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Table 2: Quick Overview of New York City Neighborhood