Data Source:

Wikipedia

We start from the list of Toronto's neighborhoods and postal codes that appear in Wikipedia: https://en.wikipedia.org/wiki/List_of_postal_codes_of_Canada:_M

• Toronto neighborhoods: Strings

• Postal codes: Strings Source:

ARCGIS

We will use ARCGIS API, through the Geocoder library, to get the values of longitude and latitude for every postal code:

• Longitude: Float

• Latitude: Float Source:

Foursquare

We will use the latitude and longitude values together with the Foursquare API to get a list of venues for every neighborhood:

• Venues: Strings Source:

WalkScore

And finally, with the objective of getting a more complete valuation of every neighborhood using the indexes of Walking, Public Transport and Bike riding easiness from the WalkScore API.

• WalkScore index: Integer

• Transit Score index: Integer

• Bike Score index: Integer

Source: GitHub

We will use the Toronto GeoJSON file created by GitHub user BlizzWiz. By the way, his blog post (https://blizzwiz.github.io/2020/06/25/Draw-folium-map-of-Toronto/) shows very clearly the methodology to create a GeoJSON file in case we need it for another location.

This GeoJSON file will allow us to draw the boundaries of every neighborhood in a folium map.

The original BlizzWiz file only included the Postal Code, and the State (“Ontario”), besides the geographical coordinates, so I modified it to include the name of the neighborhoods as well, for ease of visualization of the map. I enclosed the final GeoJSON file (toronto_m2.geojson) on my GitHub repository