

# Data section

We will use the foursquare API to get data from the venues in these neighborhoods. To get this data we need the coordinates from New York and Toronto. We get there from the following locations:

-New York : [https://geo.nyu.edu/catalog/nyu\\_2451\\_34572](https://geo.nyu.edu/catalog/nyu_2451_34572)

-Toronto: [https://en.wikipedia.org/wiki/List\\_of\\_postal\\_codes\\_of\\_Canada:\\_M](https://en.wikipedia.org/wiki/List_of_postal_codes_of_Canada:_M) ( we need to extract this list with BS4)

We will clean this data and remove all unnecessary points ( what is important for living there). We also need to remove characters and get all the data into the same columns. We will need our data cleaning on Python skills for this one.

We need to get this all into one Pandas data frame so we can cluster the data.

We will see in these neighborhoods what are the top 5 most popular venues and then we can see what suits us best. The top venues tell a lot about a neighborhood. If there are a lot of restaurants and cinema's this will be a very crowded neighborhood. Do you want that ? or would you like some place a little more quiet.