**The Battle of Neighborhoods**

**Business Problem** : In Canada, in the borough of Downtown Toronto, if someone wants to open a Yoga Studio, in which Neighborhood, would you recommend opening it?

**Solution** : I would recommend opening a Yoga Studio in a Neighborhood, which doesn’t have even one Yoga Studio

**Data being used** :

1. Use Canada\_Postal\_Codes\_Lat\_Lon.csv, which has all boroughs, neighborhoods, postal code, latitude, longitude of Canada.
2. Create a dataframe by filtering on Borough = Downtown Toronto, to check out all the neighborhoods for that borough
3. Create a map to Toronto and mark the neighborhoods
4. Define the Foursquare Credentials and Version
5. Explore the neighborhoods in Downtown Toronto using the Foursquare API and get the Venue, Venue Category for each Neighborhood
6. Create a new dataframe which only has Venue Category = ‘Yoga Studio’ and get the list of unique Neighborhoods
7. Select Neighborhoods from dataframe created in step 2, which is not in list of unique Neighborhoods from step 6