**Capstone Project - The Battle of Neighbourhoods (Week 1)**

**Introduction**

New York City or New York is United State’s most populous city with a population of 8,336,817 spread over 302.6 square miles. New York is also referred to as the financial, cultural and media capital of the world.

New York city demographically is ethnically diverse metropolis and as many as 800 languages are spoken in New York. New York is home to over 3.2 million legal immigrants. Over the past decade, New York city has exponentially grown when compared to its region.

New York city is composed of five boroughs- Brooklyn, Manhattan, Queens, the Bronx and Staten Island.

New York’s food culture influenced by the city’s immigrant history has a wide array of international cuisine hosting world’s finest 1000 restaurants of the world.

With such diverse and rich dining options, the project is aimed at the Indian restaurants in NYC.

**Business Problem / Objective of this project**

1. Enlist Indian restaurants in NYC
2. The location with concentrated Indian restaurants
3. Review the rating, tips and additional information associated with these restaurants
4. Rank the restaurants as well as visualise them using Folium
5. The best region to look out for Indian cuisine

**Data Section**

To perform the above-mentioned analysis, we would need:

* List of Boroughs and Neighbourhood for NYC from <https://cocl.us/new_york_dataset> along with the longitude and latitude details
* Use of FourSquare API to find out the venues of the Indian restaurants in every neighbourhood.
* Folium for mapping purposes

Source of information for NYC: Wikipedia and Google