

## Capstone Project – The Battle of Neighbourhoods (Week 1)

### Introduction to the *Data* used

In this section I have outlined below the data that was used for this part of the course and the rationale behind those choices;

1. Firstly, we used the New York City data that was available from this course via JSON file. The file consisted of coordinates for all boroughs and their corresponding Neighbourhoods which made it perfect for the purpose of this course.
2. Secondly, we used the Four Square API to extract venue details within the neighbourhoods of New York as the purpose of this study, such details are essential in identifying and extrapolating suggestions and recommendations. In this part of the course we used explorer queries and search queries to fully utilize the powerful API functionality available through Four Square.