**Peer-graded Assignment: Capstone Project - The Battle of Neighbourhoods**

**Data**

Both London and Dublin are huge cities with many different neighbourhoods so as a first step I would look at the administrative split of London and Dublin to find the ones that are of interest – city centres, office areas, trendy living areas.

* London data (2014) about boroughs and neighbourhoods is available in the Data sheet of the XLSX file under the following link <https://data.london.gov.uk/download/london-borough-profiles/80647ce7-14f3-4e31-b1cd-d5f7ea3553be/london-borough-profiles.xlsx>
* Dublin data about administrative division, based on electoral division, is available in CSV format under the following link <https://data.smartdublin.ie/dataset/d80dbc39-7999-4715-a56f-f2ae9c3f5b25/resource/b5d71c3f-3c8c-491c-b3a8-a3d94c42980a/download/fccelectoraldivisionsp20110901-1705.csv>

After knowing how to split London and Dublin into smaller neighbourhoods I would base the selection of the ones of interest also among Foursquare location data in terms of numbers of restaurants, theatres, cinemas, clubs, sport centres and their ratings.

After preparing a comparison of neighbourhoods in terms of leisure time I’d move to analysing the comparison of between the whole cities using the data available under the following link <https://www.numbeo.com/quality-of-life/compare_cities.jsp?country1=United+Kingdom&country2=Ireland&city1=London&city2=Dublin> To do that I’d use the BeautifulSoup website scraping library.