

# **Capstone project - Battle of Neighbourhoods (Week1)**

## **Introduction**

London, the capital of England and the United Kingdom, is a 21st-century city with history stretching back to Roman times. At its centre stand the imposing Houses of Parliament, the iconic 'Big Ben' clock tower and Westminster Abbey, site of British monarch coronations. Across the Thames River, the London Eye observation wheel provides panoramic views of the South Bank cultural complex, and the entire city. London is one of the most ethnically diverse cities in the world. A 2000 survey of school children reported there were over 300 languages spoken at home. At the 2011 census, London had a population of 8,173,941. Of this number 44.9% were White British. 37% of the population were born outside the UK, including 24.5% born outside of Europe.

Toronto is the capital city of the Canadian province of Ontario. With a recorded population of 2,731,571 in 2016, it is the most populous city in Canada and the fourth most populous city in North America. The city is the anchor of the Golden Horseshoe, an urban agglomeration of 9,245,438 people (as of 2016) surrounding the western end of Lake Ontario, while the Greater Toronto Area (GTA) proper had a 2016 population of 6,417,516. Toronto is an international centre of business, finance, arts, and culture, and is recognized as one of the most multicultural and cosmopolitan cities in the world.

## **Problem**

The aim of this project is to create a comparison of the two cities Toronto and London. This could help travelers and tourists understand the similarity or dissimilarity between the two. This can also help immigration of people where the neighbourhoods similar to what they preferred and stayed before can be seen and compared to. It also shows the diversity of the two cities and what the most common venues are for sightseeing or public visits.

## **Data**

We require geolocation data for both London and Toronto. Postal codes in each city serve as a starting point. Using Postal codes we use can find out the neighbourhoods, boroughs, venues and their most popular venue categories.