

# Capstone Project: Battle of the Neighborhoods

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## Part 2: Data

### 2.1 Description of the data

This project will rely mainly on the publicly available data from Wikipedia as well as Foursquare.

#### 2.1.1 Datasets

We first consulted The Global Liveability Index of 2018 to obtain the four best cities to live in Europe, after which we will consult the neighborhoods of these cities using data available on the internet.

We will be scraping this data from the Wikipedia pages with the help of Python's pandas and Wikipedia packages.

In order to plot the neighborhoods on the map, we will also be using the geographical co-ordinates of the several cities' neighborhoods.

Finally we will use the services of Foursquare's API to explore data from the four cities in terms of their neighborhoods. The exploration of data also includes exploring information about places around each neighborhood such as restaurants, parks, hotels, etc.