# Introduction

Latvia is a relatively small country (in the beginning of 2021 the population was 1,8 million) located in Northern Europe. The capital is Riga with estimated population of 627 763 people. Through the years there has been emigration to other countries, most commonly – United Kingdom and Germany. Causes for moving to other countries can be different – job opportunities, financial gain, education or merely a want to change the scenery. So, for people who have never been to places like London or Berlin, or who want to choose the best possible place for their new home, it can be hard to choose the right neighborhood/borough.

The goal is to compare London and Riga and see how are they different. Of course, the size of the cities is very different, but may be there are some similarities among the neighborhoods considering activities/amenities.

Also, this kind of information may provide potential travelers with insight into what to expect from London if you are familiar with Riga and vice versa.

# Data

Firstly, through Web scraping data about neighborhoods/boroughs in London and Riga will be obtained from Wikipedia:

**For Riga**
https://lv.wikipedia.org/wiki/R%C4%ABgas_apkaimju_uzskait%C4%ABjums

**For London**

https://en.wikipedia.org/wiki/List_of_London_boroughs

Furthermore, data about latitude and longitude of each borough in Riga will be gathered from other sources – Wikipedia, latitude.to, latvia.postcode.info. Reason for the need to get data from other sources is the fact that there isn't available just one table or one source with this data. Government sites do not provide this information. Due to the size of Latvia and Riga, this is not something surprising.

Secondly, data about venues around each borough will be collected from Foursquare API. Data about venues, venue types will be explored through calls to the API, and the gathered data will be analyzed and visualized to show how different or similar the cities are.