

The Battle of Neighborhoods

1. Introduction

Human migration is the movement by people from one place to another with the intentions of settling, permanently or temporarily in a new location. Early human migrants are usually due to climate change. Though the climate change is no longer severer in modern societies, there are currently many more enablers motivating expats to relocate to another country. Globalization is one of them enabling people move to new places for better job opportunities.

Relocation to another city is a critical and worrisome action for most of the people. In addition to searching for new accommodation and new job, expats also need to overcome culture shocks during familiarization process. In order to have a smooth transfer to a new city, it is very desirable to move to a neighborhood which is similar to that where they have lived before. For example, a coffee lover who usually needs a cup of coffee every morning from Starbucks will prefer a place with a cafe nearby. I would like to use the Foursquare location data to analyze the neighborhoods of four different cities New York, London, Amsterdam and Istanbul. These cities are the economic or political center of their countries.

I wish to find similar neighborhoods among these cities and provide some useful information for people who are considering moving among USA, UK, Germany and Turkey.

2. Data

- The neighborhood data of New York is provided here:
https://geo.nyu.edu/catalog/nyu_2451_34572
- The neighborhoods of London are extracted from here:
https://en.wikipedia.org/wiki/List_of_areas_of_London
- The neighborhoods of Berlin are extracted from Wikipedia:
https://en.wikipedia.org/wiki/Boroughs_and_neighborhoods_of_Berlin
- The neighborhoods of Istanbul are from:
https://en.wikipedia.org/wiki/List_of_neighbourhoods_of_Istanbul
<https://posta-kodlari.com/istanbul>