The Battle of Neighbourhoods: Finding a Familiar Neighbourhood

1. Introduction

Human migration is the movement by people from one place to another with the intention of settling, permanently or temporarily in a new location. Early human migrants are usually a result of climate change. Though climate change is no longer severer in modern societies, there are still several causes impel migrants to move to another country. Globalization is one of the reasons people move to new places for better job opportunities

Migration is a huge event for most migrants. In addition to searching for new accommodation and a new job, migrates also need to overcome culture shocks during settle down. To have a smooth transfer in the new city, it is very desirable to move to a similar neighbourhood where the migrants 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 analyse the neighbourhoods of eleven different cities across the world. These cities are the economic or political centre of the countries. I wish to find similar neighbourhoods among these cities and provide some useful information for people who are considering moving among these places.

2. Data

The neighborhood data of New York is provided here:
https://geo.nyu.edu/catalog/nyu_2451_34572
The neighborhoods of Toronto are extracted from here:
https://en.wikipedia.org/wiki/List_of_postal_codes_of_Canada:_M
The neighborhoods of Bangalore are extracted from:
https://www.indiatvnews.com/pincode/karnataka/bangalore/
The neighborhoods of Hyderabad are extracted from:
https://www.indiatvnews.com/pincode/telangana/hyderabad
The neighborhoods of Mumbai are extracted from:
https://www.indiatvnews.com/pincode/maharashtra/mumbai
The neighborhoods of Delhi are extracted from:
https://www.indiatvnews.com/pincode/delhi
The neighborhoods of Pune are extracted from:
https://www.indiatvnews.com/pincode/maharashtra/pune
The neighborhoods of Paris are extracted from:
https://www.data.gouv.fr/fr/datasets/r/e88c6fda-1d09-42a0-a069-606d3259114e
The neighborhoods of London are extracted from:
https://en.wikipedia.org/wiki/List_of_areas_of_London
The neighborhoods of Beijing are extracted from :
https://en.wikipedia.org/wiki/List_of_township-level_divisions_of_Beijing
The neighborhoods of Shanghai are extracted from:
https://en.wikipedia.org/wiki/List_of_townshiplevel_divisions_of_Shanghai