

The Battle of Neighborhoods

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1. Introduction

The earth is inevitably becoming flatter, especially driven by the trend of globalization. The reality enables more opportunities for human migration, this means citizens in particularly country could have more choice to move to another country. Canada has a very open immigration policy which attract people from all over the world with the intentions of settling for better job opportunities and new life, especially for people from China. Statistic Canada indicated the number of immigrants from China grew 63.9% in 2001 to 2011, making Chinese the second largest foreign group in Canada. In the meantime, these Chinese also be challenged for culture shock from all aspects of life. Under such condition, I am curious whether a Chinese could accept the shift from Asian to North America or not.

I would like to use the Foursquare location data to analyze the neighborhoods of four different cities Vancouver, Toronto, Beijing and Shanghai, where all these four cities are economic and political center of Canada and China respectively, which will reflect the similarities of the two countries and help people making immigration decision.

I wish to find similar neighborhoods among these cities and provide useful information for people who are considering moving among Canada and China.

2. Data

The neighborhoods of Vancouver are extracted from

https://en.wikipedia.org/wiki/List_of_postal_codes_of_Canada:_V

[Available in 27TH June 2021]

The neighborhoods of Toronto are extracted from

https://en.wikipedia.org/wiki/List_of_postal_codes_of_Canada:_M

[Available in 27TH June 2021]

The neighborhoods of Beijing are extracted from

https://en.wikipedia.org/wiki/List_of_township-level_divisions_of_Beijing

[Available in 27TH June 2021]

The neighborhoods of Shanghai are extracted from

https://en.wikipedia.org/wiki/List_of_township-level_divisions_of_Shanghai

[Available in 27TH June 2021]