

Comparing the similarities of different cities across the globe

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1 Introduction

An ill planned city can be a pain for people living in that city. For example, it is important to have enough public space, parks so that families can spend their quality time or to do any exercise. Similarly, for young people, it becomes important to have enough bar, pub, cafe where they can spend their quality night life. Until now, people just move to the city where they find good jobs. However, living in a city without enough amenities can be mentally challenging.

At the same time, municipalities are trying to attract young and skilled labours to their city in order to improve the city's economic activity. Therefore, the department of marketing works together with the urban planner to improve the city and utilise the space efficiently.

To help the urban planner or the person who is looking for a new city to move, we will examine the city's neighborhood and assess its similarities with other cities across the globe. In this project, we will answer the following question:

- Which of the cities falls in the same cluster?
- Which of the venue categories are dominated in a particular city or cluster?
- What actions need to be taken in order to improve the resident lifestyle of that particular city?

We will be investigating multiple cities from Europe, Asia and Australia. This analysis will be performed using Foursquare API.

The targeted audience for this project will be the urban planner as well as the people looking for a new city to move.