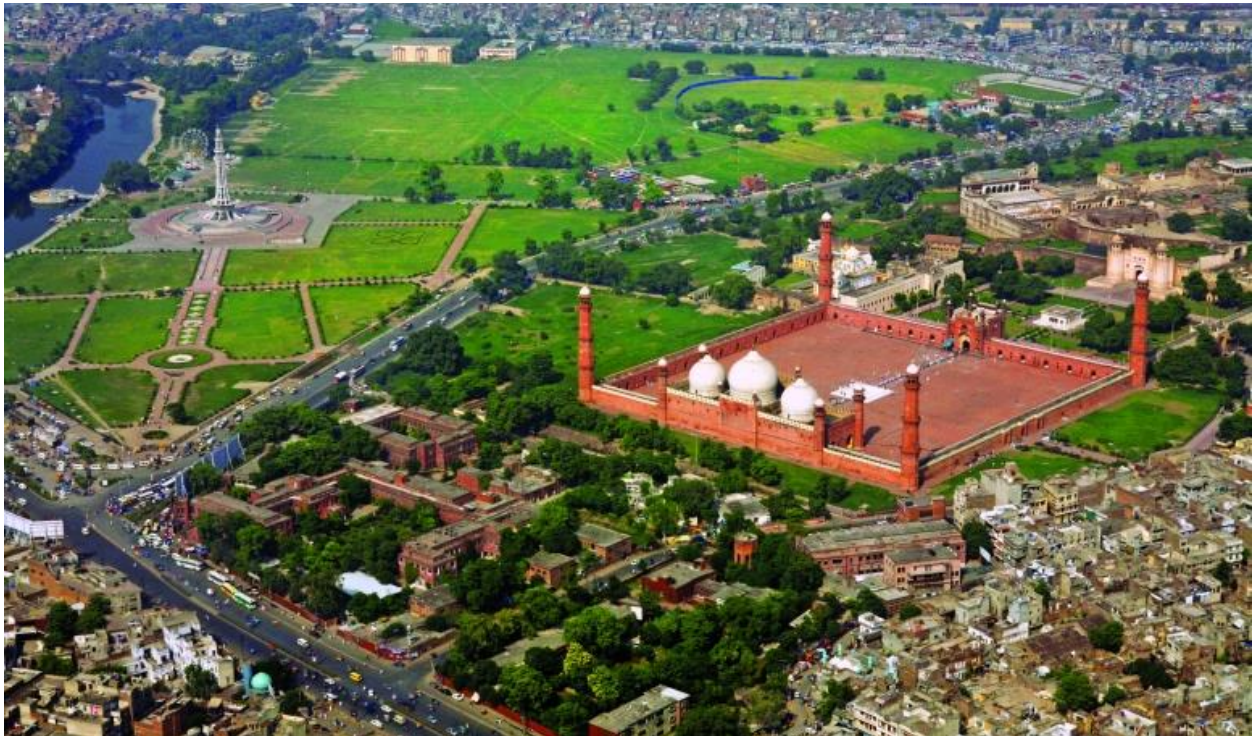


Introduction/Business Problem

Brief Description about Lahore

Lahore is the capital city of Punjab Province with more than 11 Million according to the 2017 Census and its keep increasing due to immigrants from the other cities. Lahore exerts a strong cultural influence over Pakistan. The city also hosts much of Pakistan's tourist industry, with major attractions including the Walled City, the famous Badshahi and Wazir Khan mosques and Sikh shrines. Lahore is also home to the Lahore Fort and Shalimar Gardens, both of which are UNESCO World Heritage Sites.



Problem Description

The Lahore City is extremely rich and diverse culture. Since 2015, 274 Union Councils have existed in the City District of Lahore.

Let's assume that you live in any neighborhood council of Lahore and You love your neighborhood, mainly because of all the great amenities and other types of venues that exist in the neighborhood, such as restaurants, shopping mall, historic site. And now you have an offer letter from a great company on the other neighborhood council of the city and great opportunity. However, it is far away from your current residence and you want to relocate yourself in another union council. Wouldn't it be great if you are able to determine neighborhoods on the other side of the city that are the same as your current neighborhood, and if not, perhaps similar neighborhoods that are at least closer to your new job?

The aim of this project is to explore the Neighborhood Councils of Lahore city to find the 10 most common venues in each Union Council.

This information provided by this report would be useful for people who are interested in relocating to a different part of the city and are interested in finding new neighborhoods that are highly similar to their existing neighborhood.