Capstone Project - The Battle of Neighborhoods - Bangalore, India – Week 1

1. Introduction

1.1. Background

Bangalore, officially known as Bengaluru, is the capital of the Indian state of Karnataka. It has a population of over ten million, making it a megacity and the third-most populous city and fifth-most populous urban agglomeration in India.
Bangalore is known as the "Garden City of India" because of its greenery, broad streets and the presence of many public parks. It is sometimes called as the "Pub Capital of India" and the "Rock/Metal Capital of India" because of its underground music scene and it is one of the premier places to hold international rock concerts.
Bangalore also has a very active and vibrant theatre culture
The diversity of cuisine is reflective of the social and economic diversity of Bangalore. Bangalore has a wide and varied mix of restaurant types and cuisines and Bangalorean's deem eating out as an intrinsic part of their culture.

1.2. Problem Description:

Now let me explain the context of this Capstone project through a scenario. Say you live on the South side of the city of Bangalore in India. You love your neighborhood, mainly because of all the great amenities and other types of venues that exist in the neighborhood, such as fast food joints, pharmacies, parks, graduate schools and so on. Now say you receive a job offer from a great company on the other side of the city with great career prospects. However, given the far distance from your current place you unfortunately must move if you decide to accept the offer.
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?

1.3. Objective

The aim of this report is to study and analyze the neighborhoods of Bangalore city and group them into similar clusters and, to analyze those clusters to gather meaningful information. That information can be used to find out neighborhoods that are same as your current neighborhood or at least similar.

1.4. Target Audience

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.