Capstone Project

Comparing the neighbourhoods of Hyderabad City, India.

Introduction:

Hyderabad is the capital city of Indian state, Telangana. It is located in the northern part of south India. The city comprises of an estimated population of 9.7 million as of 2021 and is sixth most populous metropolitan area in India. It is also the fifth largest urban economy in India. The amalgamation of local and migrated individuals led to a distinctive culture and the city is emerged as the foremost center of oriental culture. Many crafts such as painting, jewelry, literature, clothing… so on are still prominent in Hyderabad city.

The Telugu film industry in the city is the second largest film production industry in the country. The city, emerged as pharmaceuticals and biotechnology hub in India. The formation of HITEC city, dedicated to information technology has encouraged multinational companies like Google, Amazon, Apple, Facebook and Microsoft to set up their operations in Hyderabad city.

Just like India, the Hyderabad city is one of the best representations of its great history, diverse culture and food. The city has different cuisines, and is listed as UNESCO creative city of gastronomy. The city is famous for its popular food, "Biryani". Many restaurants provide different cuisines of food. The city has rich food culture dating back to Nizam's and Mughal empire. Some of the cuisines the city offers are Arabic, Turkish, Iranian and native Telugu cuisines.

The Business Problem:

The Hyderabad city is the one of the best locations in the country to open a restaurant. The city offers different cuisines and rich diverse food to the people. Clearly, setting up a restaurant in the city is most profitable for business. The diversity of people and their food preferences enable to compete in food business. Our main problem here is to choose a location or a neighborhood in the city to open a restaurant. It is the job of a data scientist to gather the information on all neighbourhoods in the city and present it to the stake holders. So that they will make the business decision on the location to open a restaurant.