Project: Exploring and Clusterting of the hospitals in Bangalore

Introduction

The objective of this project is to understand if there are sufficient, easily accesible hospitals across the City of Bangalore (Bengaluru, India).
Bangalore is the silicon city of India and the borders keep expanding due to the fact that there are more job opportunites in the IT sector.
Keeping in mind the current pandemic situation and risks from it, this project can give us an idea of the hospital locations across the city.

Data Collection

We will use the FourSquare API to generate all results in Bangalore with the 'keyword' hospital.

Based on the data we will create:-

Map the hospitals on the map
We wil generate clusters to understand where the hospitals are located
We will generate all hospitals 45 kilometers from the center of the City.

Note: Additional data sources will be used should the foursquare data ouput be limited

Interest

The outcome of this project can be used by researchers and risk management companies and can also give a clear picture to Government of Karnataka on healthcare infrastructure