CAPSTONE PROJECT - COURSERA

EXPLORING HOSPITALS IN HYDERABAD , INDIA

* Introduction /Business Problem :

Nowadays hospitals have become one of the important parts of our society , we never know when we get a medical emergency and need to attend a hospital. The aim of my project is to give the basic idea of hospitals in Hyderabad,India. I have used the foursquare API to get data of hospitals in hyderabad . You can choose the best hospitals in your surrounding and with required ratings. When a person searches for a hospital in their locality they search for a best hospital.This project will help you to detect the best hospital in your surroundings using the ratings given by many people which visited that hospital in google. It further provides the contact details,address of the particular hospital you want to access.

You can use the output data from this whole project for further analysis .

* Data :

Firstly , we’ll look at Hyderabad on a map using the folium library. After that I have used the **foursquare API** to extract basic data of hospitals in hyderabad . **Foursquare API :** we’ll get hospital data within range from the center of hyderabad( with longitude and latitude given )I have used ‘search’ keyword for the purpose of getting data , **Dataset :** I couldn't find a appropriate data I require for my project on the internet , so I made my own dataset from scratch . As I made my own dataset I got freedom to collect only required data for my project so no need of data cleaning again.I have formatted the data required in excel sheet and then imported the sheet into notebook. I have collected the data for hospitals that are in API data only. I have collected ratings ,contact numbers , and addresses of hospitals from the google . Ratings are given by many people who had experience in that hospital .