

Description of the problem

Business Problem:

The Business Problem that we are currently posing is to recommend the best place to open a restaurant in Hyderabad, India. India is the 2nd most populous country in the world. Let us examine and analyse the location and venue data of Hyderabad, which is one of the metropolitan cities in India.

Questions that can be answered :

- 1) Which is the best place to open a new restaurant or chain of restaurants in Hyderabad to be successful?
- 2) Which is the best place to stay for anyone who visits and explores restaurants very often?

1.2 Discussion of the background

Hyderabad is the fourth-most populous city in India with a population of 6.9 million residents within the city limits, and has a population of 9.7 million residents in the metropolitan region, making it the sixth-most populous

metropolitan area in India. With an output of US\$74 billion, Hyderabad has the fifth-largest urban economy in India.

Hyderabad is the place which is home for people with diversity. People from all over India move to Hyderabad for better opportunities in Education and Career. Hyderabad has a good amount of revenue from tourism also. So food cuisine is one of the successful industries in a place like Hyderabad where people have diversified food habits. It is difficult for the people to find out the good place to start a new hotel or restaurant due to immense competition in highly urban populated areas.

So how could we leverage the Foursquare location Data and Clustering algorithm to find out the appropriate neighbourhood to start a restaurant. This is the problem that I would like to address in this Capstone Project. We will use data science tools to fetch the raw data, visualize it then generate a few most promising areas, so that stakeholders can make the final decision based on the analysis.