# Business Opportunities in Hyderabad

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## 1. Introduction

Utilizing the Location based and venue related data for Hyderabad city, perform an analysis to find and report different business opportunities location wise, so that whenever someone wants to open a restaurant or a shopping mall, they can make use of this analysis to get insights and ideas about where to start the business within Hyderabad. This will help the people to make a better decision about their business faster and also its very insightful as well.

We will study about the existing businesses, where they are located and how they were distributed across the city using the information obtained through Foursquare API and Wikipedia data.

## 2. Data Collection and Curation

We will get the data using the following sources

1. https://en.wikipedia.org/wiki/List_of_neighbourhoods_in_Hyderabad
2. https://geopy.readthedocs.io/en/stable/
3. Foursquare API

The first one has the data related to different locations and neighbourhoods in Hyderabad, we will use the geopy library methods to fetch the latitudes and longitudes of different neighbourhoods in the city and the Foursquare API to get the different venue details around each geographical location. Then we pre-process the data to extract relevant features for further analysis.