

Data

Based on the definition of our problem, factors that may impact our decision are:

- Demographic information, e.g. population
- Number of existing restaurants in the neighbourhood
- Number of existing Colleges, Hostels, shopping malls, Movie theatres in the neighbourhood.

In this project, we will fetch or extract data from the following data sources:

- Extract the Census information of Hyderabad from the webpage using beautifulsoup code.

<http://hyderabad-india-online.com/2009/12/ghmc-zones-circles-and-wards/>

- Geographical location of those areas will be obtained using **GeoPy Python library**
- Venue data like restaurants, shopping malls, movie theatres and so on in every neighborhood will be obtained using **Foursquare API**.

