## **Description of the Data:**

The following data is required to answer the issues of the problem:

* List of Boroughs and neighborhoods of Hyderabad with their geodata (latitud and longitud)
* List of Colleges and Institutions with their address location
* List of accessible points in Hyderabad area with their addresses
* Venues for each Hyderabad neighborhood ( than can be clustered)
* Venues for subway metro stations, as needed

## How the data will be used to solve the problem

The data will be used as follows:

* Use Foursquare and geopy data to map top 10 venues for all Hyderabad neighborhoods and clustered in groups ( as per Course LAB)
* Use Foursquare and geopy data to map the location of rental places, in some form, linked to the subway locations.
* create a map that depicts, for instance, the spread of Colleges and educational Institutions, around a radious of 1.0 mile (1.6 km) around each Transportation system so that I will be able to quickly point to the popups to know the overall Accessibility
* Addresses from rental locations will be converted to geodata( lat, long) using Geopy-distance Data will be searched in open data sources if available, from real estate sites if open to reading, libraries or other online sources

The procesing of these DATA will allow to answer the key questions to make a decision:

* what is the area of Hyderabad with best location that meets criteria established?
* What is the distance from work places and accessibility Points
* Venues distribute among Hyderabad neighborhood and around metro stations?