Coursera Capstone Project - Week 4 Assignment:

# Data Description:

In order to solve the business problem, I have decided to use the following data as listed below, which includes the Foursquare Location data API.

* Geographical co-ordinates data of sub districts (Boroughs) in Hyderabad city by zip code from GitHub repository.

Source : <https://github.com/sanand0/pincode/blob/master/data/IN.csv>

Use:

This data would be used for getting zip codes, for Borough/Neighbourhood mapping and helps to show points on map.

* Venue data for each Neighbourhood in the city using Foursquare API. I included venues within a 500 metre radius from each neighbourhood centre.

Use:

The data helps us to identify similar Neighbourhoods using venues.

Also helps in clustering algorithm.

* Geo-Json data for GHMC (Hyderabad Municipality) for Choropleth Maps (to show real estate prices & population spread).

Use:

The data helps us to show real estate prices & population spread on Choropleth Maps / Folium Maps.

* Average House prices (per square feet) for each Neighbourhood in Hyderabad city.

Source: <https://www.makaan.com/price-trends/property-rates-for-buy-in-hyderabad>

Use:

The data helps us to show real estate prices on Choropleth Maps and to identify potential areas/Neighbourhoods where stores can be opened.