**Data Collection**

According to our problem we need the following data:

* Borough
* Neighborhood
* Venues

Following data sources will be needed to extract/generate the required information:

Source:  <https://en.wikipedia.org/wiki/Category:Union_councils_of_Islamabad_Capital_Territory>

We will also fetch the data from APIs. **Foursquare API:** We will use the Foursquare API to fetch venues in Islamabad in the radius of 2 Kilometres on each neighbourhood.

I will use the Foursquare API to retrieve information about the popular spots around the neighbourhood of Islamabad. It returns venues from each neighbourhood within radius of 2km. I retrieved the following for each venue: Name, Category, Latitude, Longitude Price, Tips, Ratings

Now we will get the data of different district and town through scraping different Wikipedia pages and create a data frame using this information. For this, I will use requests and Beautifulsoup4 library to create a data-frame.

The data source is the list of neighbourhoods and Boroughs as found on a Wikipedia page. This dataset is created from scratch using the list of neighbourhoods available on the site, the following are columns: Neighbourhood and Borough.

Next objective will be to get the coordinates of these boroughs using geocoder class of Geopy client.