Coursera Final Project: IBM Data Science

FARRUKH NAVEED ANJUM

RAWALPINDI, PAKISTAN

ANJUM.FARRUKH@GMAIL.COM

Overview

- Introduction
- Business Problem
- Data
  - Neighborhoods
  - Geocoding
  - Venue Data

Business Problem

- Rawalpindi is adjutant city of Islamabad (The Capital of Pakistan). Thousand of people and come here for , Upon arrival in new city Rawalpindi, they need to find hotels to stay in and restaurants for eating food. Also drink brewages in coffee shops.

- Goal of the exercise will be to find the ideal spot in the city where hotel can be built for maximizing the profits

Data

- Neighborhoods
  - Data for the neighborhoods in **Rawalpindi** can be scrapped from Wikipedia using BeautifulSoup library. We will use this data.

- Geocoding
  - We will use rawalpindi.csv data. Import into the Pandas Data Frame. Lat, Long (Geo Spatial Data) can be retrieve using **FourSquare API**.
  - It will be persisted into data frame and we will store it for later on use.

- Venue Data
  - We will find the venues using **Foursquare API**. Create another data frame, that will contain the venue details along with there respective neighborhoods.