

WEEK 1:

Description Of The Problem.

London is a developed country , still they face more crime cases in day to day life. Still there are least crime cases in few cities and also they are safe to stay .They even attract tourist people to visit these least crime place as more venues in and around these areas.

The crime statistics dataset of London found on Kaggle has crimes in each boroughs of London from 2008-2016. The crime rates in each Borough may have changed over time. In past Borough was least crime rated and also have more Attractive places nearby . The year 2016 being the latest we will be considering the data of that year which is actually old information as of now.

This battle of neighborhood aims to select the safest place is Borough in London based on the total crimes . We can also explore the neighborhood of that Borough to find the 10 most common venues in each neighborhood and finally cluster the neighborhood using k-means clustering.

Discussion Of The Background.

London is one of the biggest IT hub and Borough has more companies and offices and tourist attractive places . whenever a person moves to the city for a job or have a tour, such a person search for venues in new city. The person might want to know how good a given restaurant is or the price range it falls under. combining the location of the venues in the city with their price and rating information would surely help visitors in a city make better informed decisions about the places they should visit.

In Borough west, there are so many venues (especially restaurants,cafes,hotels) explored. To explore this information , this project involves data from foursquare API to fetch complete information on various venues (including name, address, rating, price and category). Further a map of venues with colour specification indicated for highlighting the postion and information about the venues.

