Coursera Capstone Creative Project
Finding Safest Places in LONDON

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Introduction

Background

For a young citizen having lived his youth and his education in an emerging country or a southern country or an underdeveloped country, the future seems to be always somewhere else in the North, especially where the factors he feared the most in its environment of origin, like food insecurity, health, or even of the job, seem not to exist. this explains the flight of the best brains from underdeveloped countries to the big European countries.

In this perspective of seeking a better quality of life, we propose to explore one of the highest ranked countries in terms of quality of life, England, more particularly, its capital, London, based on a factor, The crime.

A study that will answer at least the questions many migrants on their way to London ask themselves: "where is the best place in London with the least risk of being the victim of a crime?"

Problem

The crime statistics dataset of London found on Kaggle has crimes in each Boroughs of London from 2008 to 2016. The year 2016 being the latest we will be considering the data of that year which is actually old information as of now. The crime rates in each borough may have changed over time.

This project aims to select the safest borough in London based on the total crimes, explore the neighborhoods of that borough to find the 10 most common venues in each neighborhood and finally cluster the neighborhoods using k-mean clustering.

Interest

Expats who are considering to relocate to London will be interested to identify the safest borough in London and explore its neighborhoods and common venues around each neighborhood.