

1 Introduction

1.1 Background

With increased globalization, job opportunities and a liberal world, humans are open to relocate to places other than their native ones. Also, it is human desire to move until they find a place to settle down where they truly feel happy. Sometimes our wants and needs change over time, making us leave a town we once called home and move to an area where we feel satisfied. We may even move to a new area too frequently without knowing exactly what we are getting into, forcing us to leave at the first sign of discomfort.

To reduce the chances of such a thing happening, we should do proper research before planning to move to a new location. Consider a few factors before choosing a new place, so that you don't end up wasting your valuable money and time, relocating to a place that you regret afterwards. Safety is one of the top concerns while relocating, as you would never be able to enjoy living in a place where you don't feel safe.

1.2 Problem

We will be using the crime statistics dataset of London from Kaggle, which consists of the crimes in each borough of London from the year 2008 to 2016. The year 2016 being the latest, we will consider the data of that year, which is actually old information as of now. Although, the crime rates in each borough may have changed over time.

In this analysis we will select the safest borough in London based on total crimes. We will explore the neighborhoods of that borough, finding the 10 most common venues in each neighborhood. We will cluster the neighborhoods using k-means clustering.

1.3 Interest

This project would interest expats who are looking forward to relocating to London, identifying its safest borough. They would like to explore its neighborhoods and common venues around each neighborhood.