

Applied Data Science Capstone-The Battle of the Neighborhoods-Week4

Introduction

In life, people are constantly relocating and moving on. It can be easy to assume that everyone moves homes for different reasons. Everyone's situation is different and many of us have external influences and personal circumstances which determine our decision to uproot and move homes. There is no doubt that moving homes will raise a lot of questions. For example, where did people move to? whether new area/new home is satisfactory?

Once you decide to move to a new home you should start preparing yourself early. The best decision is to take precautions and learn what could go wrong in advance so read on the top ten moving mistakes. Safety is a top concern when moving to a new area. If you don't feel safe in your own home, you're not going to be able to enjoy living there. Therefore, to evaluate if the safety of the new area is important task before you decide to move.

Business Problem

This Capstone 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.

Target Audience

People who are looking to relocate to London and people are interested to identify the safest borough in London and explore its neighbourhoods and common venues around each neighbourhood.