

Battle of Neighbourhoods -PUNE & MUMBAI in India

1. Introduction / Business Problem

When thinking about relocating to a new city or country for work purposes or to start a new life, or to go for a holiday destination people tend to research areas before moving. This research includes population rate, average house price, school ratings, crime rates, weather conditions, recreational facilities, holiday destinations-tourism, Carnivals and Sports events/activity, Etc.

Based on the above, a search engine algorithm would be an efficient tool to use that will allow users to enter cities and get the neighbourhood name that best suits their lifestyle or living conditions.

In this project, we will study in detail the area classification using foursquare data and machine learning segmentation and clustering. And segment areas of two cities based on the most common places captured from Foursquare.

This could be done as the aim of this Project using an algorithm (Using segmentation and clustering) that will perform an extensive analysis on

1. The similarities and dissimilarities between the two cities of the user's search criteria,
2. Determine which city is best suited for lifestyle.

This project is based on a recommendation system using the Pune and Mumbai cities in South Africa as my search criteria