

Clustering Localities in Nagpur

Introduction

Nagpur is the third largest city and the winter capital of the Indian state of Maharashtra and it is popularly known as the **Orange City** of India. It is the 13th largest city in India by population and according to an Oxford Economics report, Nagpur is projected to be the fifth fastest growing city in the world from 2019 to 2035 with an average growth of 8.41%. It has been proposed as one of the Smart Cities in Maharashtra and is one of the top ten cities in India in Smart City Project execution. There are around 42 localities in Nagpur. Each localities have their own popular venues and thus if we find similar localities based on their popular venues, it will help people who want to transfer to different localities in order to being close to their work offices.

Problem Statement

The main goal of this project is to cluster the localities of Nagpur based on their similarities. So if a person who want to shift to new locality as he/she wants to being as close as possible to their work offices but they also wants to shift in a locality where there are similar popular venues like cafes, restaurants etc. as their old localities.

Target Audience

So the target audience are the peoples who want to transfer to another localities in order to being as close as possible to their work offices with the similar popular venues like cafes, restaurants etc. as their old ones.

Outcome

The outcome of this project would be a good recommendation of a locality where a person can shift in order to get as close as possible to work office with the similar locality in terms of popular venues.