Coursera Capstone Week 4

Snack shops in Mumbai, India

By

Vatsal Sheth

2021

Problem Statement:

Mumbai being one of the densest cities in the world, opening a snack place can be a potentially huge investment due to the people's love for food in the country. The main aim of this project is finding a neighborhood which suits best for opening the snack shop. As any business decision, opening a snack shop involves a lot of variables. And the most important variable, the location can make or break the shop as a thriving business.

Data Solving and Extraction Steps:

The Wikipedia page(https://en.wikipedia.org/wiki/Category:Suburbs_of_Mumbai) has a list of all the neighborhoods in the city. We will scrape this page to get a dataset of all the neighborhoods.
We then will use geocoder library to get all the coordinates for each and every neighborhood which will be used for clustering.
The FourSquare Api will be used to explore the neighborhood the compile the dataset required and will help us determine the best neighborhood suited for a snack place.