

IBM APPLIED DATA SCIENCE CAPSTONE PROJECT

PLACES FOR OPENING A NEW VEGAN RESTAURANT COMPLEX AT MUMBAI, ECONOMIC HUB OF INDIA

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Introduction

A restaurant is generally an establishment where the public may obtain meals or refreshments. As with so many ideas that evolve over time, restaurants now serve a larger role in society... they have become places of social contact, of discovering new cultures and tastes from far-away lands, of spending an evening with your loved ones, of clinching business deals over a glass of wine, and so forth. All this, of course, in addition to the basic functions of “restoring” people with the help of good food, service and ambience. When it comes to vegetarian people, a complete vegan restaurant plays the most vital role. In Mumbai, where a diversity of people stays from all over the world. So, we have to choose such a location that will be beneficial for the person who is trying to open the business. Crowded places where there are very less amount of vegan restaurants will be an idle site for the project.

Business Problem

The goal of this project is to find the ideal place to launch the vegan restaurant in Mumbai, India. We have to find the best location using the Data science and Machine Learning techniques like clustering and also using data visualisation tools like Folium maps etc.. Now we have to spot where Vegetarian people are more in number and Vegan Restaurants are less.

Where would you recommend to open a Vegan Restaurant Complex in Mumbai, India?

Target Audience

My project is solely focussed on the businessman trying to open a new Vegan Restaurant complex in Mumbai. Every year more people are migrating to Mumbai, so restaurants are also growing in more numbers in the city. But Vegan Restaurants are comparatively less in number.