Mumbai & Delhi

Let the Data find the similitude!

The study Entails the Data analysis of various factors for two cities like food, venues to visit,neighbourhood etc.

BUSINESS PROBLEM

Mumbai and Delhi are the two major metro cities in India. There has been a war for supremacy in terms of quality of life, jobs, education, entertainment and recreational facilities that these cities have to offer to its residents. This   data science

project attempts to analyze the neighborhoods in each of these two cities and tries to understand what is popular in them and what they have to offer to someone who is contemplating to make a choice on seeking a life in either of the metro cities.

The deciding factor for most would be on how lively, supportive, vibrant and unique each of the cities can be when compared to each other.

The business problem in this study assumes that people who would be interested in this study are those who would like to create a projection of potential life and activities in these metro city neighborhoods if the subject moves to live in one of them. The decision to choose one over the other would depend on popular venues in the neighborhoods in each of these metro cities.

DATA

For any "data science project" data is of paramount importance. For this study, we needed data about neighborhoods in each of these metro cities. The neighborhoods with their respective districts and postal codes for all would serve us well for this study.

For this project we need the following data :
- New Delhi neighborhood data that contains list Locality, districts, pin codes.
- Data source : "https://www.movingsolutions.in/blog/2020/02/05/pin-codes -of-delhi-locations

- Mumbai neighborhood data that contains list Locality, districts, pin codes
- Data source: "https://www.mapsofindia.com/pincode/india/maharashtra/mumbai

Description : we will parse the required information from the above said website. And we will use this data set to explore various locality of new delhi city and mumbai

- Nearby places in each locality of new delhi city and mumbai
- Data source : Fousquare API
- Description : By using this api we will get all the venues in each neighborhood of both the cities.

Approach

- Collect the new delhi and Mumbai city data from above mentioned websites .
- Using FourSquare API we will find all venues for each neighborhood in both the cities
- Filter out all venues that are nearby by locality.
- Using aggregative rating for each coomon venue to find the best places and sort them accordingly.

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