

Coursera Capstone

IBM Applied Data Science Capstone

Looking for Restaurants in map in York

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INTRODUCTION

BUISNESS PROBLEM AND BACKGROUND:

In a country like Canada, it is very hard to find café's and restaurant without the help of locals. This problem arises mostly with tourists as they are to the city and doesn't know where to have that cuisine that they want to have for dinner.

To help people out these sort of situation, an application is made to help these situation. The application was performed on a part of Canada York. Where many types of restaurants are there of different cuisines.

For this we get the data from different sources , cleaned it and combine with different other data to get the location and name of localities. For this we have used foursquare API, and Jupyter notebooks and ML tools.

DATA

To solve the problem we need the following data:

- Name of all the cities and their postal codes for easy mapping. This was done with help of Wikipedia which provide all the necessary details related to cities names and codes.
https://en.wikipedia.org/wiki/List_of_postal_codes_of_Canada:_M
- Location of those restaurants means their latitudes and magnitudes. For this we have used Foursquare to get all the latitudes and magnitudes.
http://cocl.us/Geospatial_data