

Applied Data Science Capstone

Peer-graded Assignment: Capstone Project - The Battle of Neighborhoods

Marcelo Vivar

1) Introduction/Business Problem

Marcelo Vivar Photos (@marcelov_photos) is a photo's studio based in Paris and is organizing a photography's event in Toronto for 5 days for a group of photographers from all over the world. During the international meeting place, Marcelo Vivar Photos organizes professional development and learning opportunities for artists, arts professionals, and the general public. Conducted by some of the most respected photography experts in the field today, these seminars aggregate decades of invaluable information and practice in an effort to further professional careers and stimulate appreciation for the art of photography.

Media and marketing experts, publishers, artists, curators, and editors reveal their experience and expertise in photography and how it relates to the internet and social media, traditional gallery spaces, museums, publications, and multi-media platforms within the contemporary art world.

This a big project for the company so it has to put a good program, including a hotel of residence, a hall for meetings, places of landscape to visit, stores for shopping, museums, art's galleries, restaurants and cafes. So the company's purpose is to make a list of places of landscape in Toronto, including the nearest restaurants, cafes, museums, and art's galleries for each place.

2) Downloading and Prepping Data

The data used in this project is provided by Foursquare location data. The data are grouped by landscape area, and each area included the information about this area and all information about restaurants, cafes, and museums,

and art galleries which are in this area.

3) Methodology

In this report I used a Foursquare API's for search hotels, cafeteria, art galleries and museums in the area. With this I create a clean data frame for creating a map with all information for the photographer who are going to come at the event.

4) Results

There aren't many art museums in Toronto, but there are many art galleries instead. This could be interesting for photographer looking for the exhibitions.

5) Discussion

When I first decided to create this study I was expecting to find much more hotels and that wasn't the case.

6) Conclusion

Doing this event at Toronto could open the door for new exhibitions and show for photographers all around the world.