

Introduction:

Determine a program for an event

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ABC is a company based in Toronto for organizing events, currently it works on a project to organize an event for 7 days for a group of photographers from all over the world.

The company has to determine a good program, including a hotel of residence, a hall for meetings, places of landscape to visit, places of shopping, restaurants and cafes.

The company has to make a list of places of landscape in Toronto, including the nearest restaurants, cafes, and shopping stores for each place. And it has to provide a map in case the photographer can't use his/her mobile application for any reason.

Will be required to explore, segment, and cluster the neighborhoods in the city of Toronto. However, unlike New York, the neighborhood data is not readily available on the internet. What is interesting about the field of data science is that each project can be challenging in its unique way, so you need to learn to be agile and refine the skill to learn new libraries and tools quickly depending on the project.

For the Toronto neighborhood data, a Wikipedia page exists that has all the information we need to explore and cluster the neighborhoods in Toronto. You will be required to scrape the Wikipedia page and wrangle the data, clean it, and then read it into a pandas dataframe so that it is in a structured format like the New York dataset.

Once the data is in a structured format, you can replicate the analysis that we did to the New York City dataset to explore and cluster the neighborhoods in the city of Toronto.