

Introduction/Business problem -

When you want to explore a big city there are 100s and even 1000s of places that you can look at on foursquare and get a list of a lot of places to go, to eat etc.

But if you're planning to take a trip to a big city and you look up venues that might be attractive to travellers, that same venue at that very day might also be riddled with car thefts, assaults, and even in some cases homicides.

So my idea for this project is to scrape the foursquare website for top venues in the city of toronto and analyse all the criminal activities that take place in those venues on a daily, weekly and monthly basis. And make a list of neighborhoods that you should probably want to avoid if you are planning a big trip, Because being mugged and having your wallet or car stolen is the last you want on your trip.

Target audience -

This solution is targeted at the cautious travellers. Those people who want to see all the main sites of a city that they have never visited before but at the same time, for whatever reason, they want to be able to do all that they can to make sure that they stay clear of trouble i.e. is it safe to visit this venue and this restaurant at 4:00 pm in the afternoon.

Data Description -

Here i will describe what data i will be using to solve the problem that i described earlier:

- 1). Query the foursquare website for top venues to visit in Toronto
- 2). Get other geographical data about those venues also using the foursquare website.
- 3). I will also use an open source crime data to provide the user with additional crime data.

Here is the link of the crime dataset i will be using :

<http://data.torontopolice.on.ca/datasets/mci-2014-to-2019>