IBM Data Science Capstone Report

Introduction:.

Hypothetically speaking I run a tour group in the greater Toronto Area. I have my first group of international guests arriving shortly and I want to find the best areas in the city to take them. I hope by using the Foursquare location data I am able to draw from public resources and find the best rated restaurants, stores, etc in the best neighbourhoods.

* Data where you describe the data that will be used to solve the problem and the source of the data.

I used the location data provided by foursquare to draw upon public polls, reviews, ratings of various establishments in the Toronto area to find the best results.

* Methodology section which represents the main component of the report where you discuss and describe any exploratory data analysis that you did, any inferential statistical testing that you performed, if any, and what machine learnings were used and why.
* Results section where you discuss the results.

I found that various regions of Toronto have different popular Venus. For example. In central Toronto one of the highest rated attractions was their parks. One of their highest rated restaurants was an Ethiopian place. If I took my guess there, it would show my guests how accepting Toronto was to various cultures. In the downtown core of Toronto, the most popular restaurant was eastern European. In my hypothetical situation my tourists are from Eastern Europe. So taking them to this highly regarded Easter European Restaurant might help them fee more relaxed.

* Discussion section where you discuss any observations you noted and any recommendations you can make based on the results.

I observed that many of areas of Toronto have extremely popular parks. There are a wide variety of ethic restaurants that are highly regarded by the public. There are certainly a lot of popular bars and café’s to bring my guests to as well that certainly will not disappoint.

* Conclusion section where you conclude the report.

By using the Foursquare location data, I was able to analyze the establishments in the Toronto Area and find the best possible locations to bring my tourists. I want them to have the best experience possible so that they will spread the word, and hep my business grow.