

# Capstone Project - The Battle of Neighborhoods (week 1)

(Best Neighborhoods to settle in, according to some criteria)

## Table of contents

- [A - Introduction: Business Problem](#)
- [B - Data Section: Data understanding](#)
- [C - Methodology Section](#)
- [D - Results section](#)
- [E - Discussion section](#)
- [F - Conclusion section](#)

## A - Introduction: Business Problem

It appears generally difficult for people to choose the neighborhood where they want to settle in. Mostly when they are not natives of the city in which they intend to stay.

Indeed, Mr. Chris has just got his Canadian's PR card. He is coming from Cameroon and wants to settle in Toronto with his wife and their 3 years old child. Mr. Chris needs us to make some recommendations in order to help him choose the best neighborhood.

Mr. Chris is a junior Data Scientist looking to graduate from one of the universities in Toronto. He would like mostly to find a neighborhood not far of garden school for his child.

Nowadays, there are some great tools that we can use to effectively overcome such a problem. In our case, we are going to use a machine learning tool known as "Segmentation and Clustering", combined with the "Foursquare location data".