

## **Introduction to the Business Problem**

The aim of the project was to analyze different data sets especially the crime data set to start with – analyze and find a safe and crime free zone in Vancouver for a new grocery shop businessman to start his new venture.

I will be using specific data science tools to analyse data and focus on the safest borough by clustering, grouping and exploring its boroughs and then finding the 10 most common venues and choose the borough where we find grocery as the least common venue.

Based on definition of our problem, factors that will influence our decision are:

- finding the safest borough based on crime statistics
- finding the most common venues
- choosing the right neighbourhood within the borough
- We will be using the geographical coordinates of Vancouver to plot neighbourhoods in a borough that is safe and in the city's vicinity, and finally cluster our neighborhoods and present our findings.