

Battle of the Neighborhoods

Coffee Shop in Vancouver, BC, Canada

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1. Introduction

Crime is a distress to people in big cities and Vancouver is no exception to that. People who are willing to open a commercial establishments always take that information in consideration to open a new venue. In order to propose a study to open a new Coffee Shop in the city of Vancouver, I consider to address this issue by analyzing the Vancouver Crime Data available at Kaggle and pursue to find the a safe borough with a plenty of people.

1.1 Geographical Location

Vancouver is a coastal city located in the Lower Mainland region in the province of British Columbia, western Canada. The greater Vancouver, also known as Metro Vancouver, is made up of 21 municipalities and the City of Vancouver is just one of them. In this project I will focus on Vancouver City data. Vancouver have a population of approximately 606.746 habitants as in 2018. Vancouver is the third lasgest city in Canada.

1.2 Problem

The objective of this project is to find a safe borough with plenty of people to open a commercial establishment in Vancouver, British Columbia, Canada. This project is targeted to stakeholds willing to open a Coffee Shop in Vancouver. The first task is to find the cluster with Coffee Shops and their competitors, then find how many coffee shops are per neighborhood and borough, cross that data with a thousand habitants per neighborhood. After that it is necessary to find a safe borough in Vancouver with an opportunity to open a Coffee Shop. Questions to be answered:

1. Who are the competitors ?
2. How many Coffee Shops per neighborhood?
3. How many Coffee Shops per neighborhood per a thousand habitants?
4. Which is the safest borough?
5. Which is the best borough to open a Coffee Shop?