

SELECTING THE SAFEST NEIGHBORHOOD IN VANCOUVER

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Introduction

Background

Vancouver is a coastal seaport city in western Canada, located in the Lower Mainland region of British Columbia. The Greater Vancouver area had a population of 2,463,431 as in 2106, making it the third-largest metropolitan area in Canada. Crime in different forms is a prevalent distress to the people in Metropolitan cities and Vancouver is no exception. Crimes like break into commercial property to for theft are on rise and people thinking to enter into similar business should bear in mind criminal activity of the neighborhood before finalizing a location. We look to address this issue by analyzing the crime data of Vancouver City and finding the safest borough and a neighborhood with in the borough which best suits the requirements of our business problem.

Introduction

Problem:

The aim of this project is to find a safe and secure location for opening of commercial establishments in Vancouver, Canada. Specifically, this report will be targeted to stakeholders interested in opening any business place like Grocery Store in Vancouver City, Canada. The first task would be to choose the safest borough by analyzing crime data for opening a grocery store and short listing a neighborhood, where grocery stores are not amongst the most common venues, and yet as close to the city as possible. We will make use of our data science tools to analyze data and focus on the safest borough and explore its neighborhoods and the 10 most common venues in each neighborhood so that the best neighborhood where grocery store is not amongst the most common venue can be selected.