

# Segmenting and Clustering Neighborhoods in Vancouver City

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## INTRODUCTION

In this project, we will study, analyze, cluster, and compare the neighborhoods of Vancouver which is in British Columbia (Canada). We will investigate on what kinds of businesses are most common in the city, which outdoors and recreation activities and what kinds of restaurants are most common between the neighborhoods.

Doing this project will enable us to get a better understanding of similarities and differences between neighborhoods of Vancouver, which will make it known to business people what types of businesses are more likely to thrive or understand why you should visit this place or, who knows, move there.

Vancouver, city, southwestern British Columbia, Canada. It is the major urban centre of western Canada and the focus of one of the country's most populous metropolitan regions. Vancouver lies between Burrard Inlet (an arm of the Strait of Georgia) to the north and the Fraser River delta to the south, opposite Vancouver Island. The city is just north of the U.S. state of Washington. It has a fine natural harbour on a superb site facing the sea and mountains.



**Figure 1 – Vancouver**

With its scenic views, mild climate, and friendly people, Vancouver is known around the world as both a popular tourist attraction and one of the best places to live. Vancouver is also one of the most ethnically and linguistically diverse cities in Canada with 52 percent of the population speaking a first language other than English.

Vancouver is made up of a few smaller neighbourhoods and communities. Neighbourhood boundaries provide a way to break up the city's large geographical area for delivering services and resources and identify the distinct culture and character of different areas of our diverse population. However, there is some disagreement on all of the names and boundaries of these areas.