

The Battle of Neighborhoods in Oslo

Applied Data Science Capstone by IBM/Coursera Week 1

Background

Oslo is Norway's capital and by far largest city, and also one of the oldest cities in the country. Oslo is both a municipality and a county and lies at the heart of the Oslo Fjord, with the city center at the heart of the two bays Pipervika and Bjørvika. The town center also includes the area between these coves and the adjacent area just to the north. The city of Oslo (which also includes areas in the neighboring municipalities) has more than one million inhabitants as of 2018.

As of 2004, Oslo has been divided into 15 districts each with its own administration and with district committees appointed by the city council. Sentrum and Marka are outside the district scheme; these are considered as "common areas" for the municipality's inhabitants. The inhabitants here get their services offered by the nearest district.

Oslo is by far the country's most populous county and municipality. Oslo is a relatively compact capital. The city center is not so big, and from there one can visit many of the main sights by foot. In addition, the city's public transport is excellent, making it easy to get around when it comes to making long distances.

The city center being relatively compact gives first time visitors who chose to live near the city center the possibility to see as much as possible; both the city center and the neighboring districts. For someone planning to live, buy a property and work in the city, the situation will be different. In this paper I am going to segment Oslo's neighborhood and find the best one to live in that offers much in regard to property prices and access to popular venues.

Problem Definition

A newly wed couple is going to relocate in Oslo as the wife has got a new job in the city and the man is going to attend his last college in Oslo. Not knowing the city/county very much they want some help in finding the best place for them.

Criteria were defined the following way:

- An "affordable" apartment with proximity to popular venues offering a diverse cultural experience
- Nearby public transportation

Target Audience

- To people interested in investing in real-estate in Oslo
- First time real-estate buyer in Oslo
- People planning to move to the capital and acquire a real-estate
- Anyone curious to find more about Oslo in terms of venues and affordable places