

The Battle of the Boroughs

Capstone Project

Introduction: Business Problem

In this project we will compare boroughs from Santiago Chile. I will try to find the best borough for living in Santiago. I will tailor my analysis to what quality of life means for me:

- Boroughs with best public transportation.
- Boroughs with access to swimming pools.
- Boroughs with access to public parks.
- Boroughs with the most job offerings.
- Boroughs with access to martial arts dojos.
- Boroughs with best cost of living.
- Boroughs with access to malls.
- Boroughs with best security.

Using the analysis We will get the best boroughs for the given criteria, We will be able to list advantages and disadvantages for each borough and in the end We will be able to advice for the best boroughs for living.

Data

The output is going to be based on the following factors:

- Number of existing dojos, swimming pools, parks, metro stations and malls in the borough.
- Distance from the center of the city to each borough.
- Square meter's price for each borough.
- Security statistics for each borough.

The data sources to get the data are:

- From the Foursquare API we are going to get the venues information for the city of Santiago.
- Wikipedia and city website for some statistical data about the city of Santiago.
- Geocoder for location data.