

Where do I move into in Seattle?

Introduction to the Problem

I recently visited Seattle, and I enjoyed my time there. I was researching what it would take to move there, and I came across the idea for my Capstone project.

For people moving to Seattle, how can we find a good neighborhood to move into?

This question can be answered in a myriad of ways, but I am trying to answer it by clustering 12 of the best neighborhoods in Seattle based on the frequency of different venues at their locations.

I will try to find neighborhoods that have a unique list of venues and are affordable compared to other neighborhoods in the list. Using k-means clustering and increasing the number of clusters, I can find neighborhoods that have similar kinds of venues in the Foursquare database.

Project Audience

This project will help people who are deciding to move to Seattle, who will be the target audience. It will help them decide a neighborhood to look for apartments in, at an affordable rate.

Expected Result

Usually there is wiggle room with respect to the amount of rent a person is willing to pay, so the result of this project is to get a visual representation of the data that helps make an informed choice.