**Problem Description:**

For my capstone project, I will be conducting exploratory analyses on cities in which I might attend graduate school (Washington, DC, and Seattle, WA) as well as the city in which I currently reside (Nashville, TN).

In order to do so, I will cluster the neighborhoods both on the individual level, similar to how the clustering was accomplished for the week 3 assignment, and I will also cluster them all together. There may be a neighborhood cluster that contains neighborhoods in multiple cities. The goal of this analysis is to link my understanding of the place I live to places I might live next year. For example, if clustering tells me that a neighborhood in Seattle is in the same cluster as The Nations, a neighborhood in Nashville, that could help me decide where to move to, since I think the The Nations is a nice place to live.

This analysis would be helpful for anyone who’s trying to make a decision about where to move.