ECO333H1F: Urban Economics
Fall 2025
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Problem Set 1

Maps are critical tools for visually communicating information about variation in economic activity across space. In this problem set, you will learn how to make a map in R. In particular, we will be mapping the spatial distribution of a neighborhood amenity across Toronto. If you have any questions or you get stuck, I encourage you to ask the TAs for guidance. They are here to help you understand what you are doing, so that you can develop this skill and be able to use it in the future. Please submit both your R Script (.R file) and map output (.png file) to Quercus.

0. Organizing your workspace

Start by creating a folder somewhere on your computer called *PS1*. Next, download the folder *PS1_data* from the Files tab in Quercus. Now, move the *PS1_data* folder into the *PS1* folder. Finally, create a new subfolder in your *PS1* folder called *PS1_code*.

You should now have a folder called *PS1* that has two subfolders: *PS1_data* and *PS1_code*.