

What is the product? (Section should address, in a few sentences, the specific analysis or tool you would like to create)

We will be creating a tool that compares the distribution of parks and green spaces in Boston to various other factors. We will be comparing it to income, race, age, voter turnout in local elections, as well as whether any places historically faced roadblocks to getting access to public services.

We will be looking at the correlation between these factors, in order to identify which areas of Boston have more green spaces than others and why.

What data set(s) will it use and what information from those data sets? (As simple as a short sentence or two, more if necessary.)

We will use Analyze Boston's parks/open space dataset to help identify parks and greenspaces and US Census data to get information on Boston's demographics.

What will it do or teach us? (The information from an analysis or the basic functionality of a tool.)

This tool will reveal to us which areas have more parks, and which have less. Additionally, this tool will reveal what these areas have in common, and what factors are associated with higher numbers of parks. Relatedly, this will also allow us to look at what places are underserved, lacking in green areas that enhance communities. It will also allow us to look at what these places have in common, so we can see what the common "roadblocks" (cuz sometimes its just black people living there so they don't build it) are to getting equitable access to parks. Oftentimes, looking at long-term systemic issues requires looking at how things came to be instead of just looking at how things are in the moment. This tool will allow us to look at not just which areas of Boston have more parks than others, but why they do and all of the factors that contribute to it.

What is its value? (Who are the users or readers? Why would they want this information or tool? What would it help them to do?)

These representations and analysis will help highlight disparities in greenspace distribution and the systemic factors behind them. This will help multiple different groups take action for more equitable living. Residents, who may not be aware of these disparities, will be able to use this information to push for policy change to give equal access to greenspace. Nonprofits and charities can use this information to identify and serve disadvantaged neighborhoods. This will also help government officials and urban planners identify where greenspace/park development needs to be made. Overall, the city as a whole benefits from more greenspaces to promote environmental sustainability/balance and community wellbeing. This analysis will help identify these causes and highlight why access to greenspace is important.