**Nine Mile Run Watershed Association’s questions to explore:**

1. How do socioeconomic and other factors relate to the environment and the green infrastructure that we use to improve conditions in the watershed. Using Census Block Groups you can also incorporate the data associated with the Census such as household income, race/ethnicity, occupation, education, and others.

*What is the spatial relationship between census block groups and:*

1. Rain Barrels
2. Street Trees
3. Canopy Cover
4. Urban tree canopy is one of the most important environmental factors in the watershed for its ability to intercept water, exchange carbon dioxide, filter pollution, and provide shade. A properly placed tree can significantly alter the local environmental conditions

*What is the spatial relationship between canopy cover and:*

1. Bus stops in the watershed
   1. Covered stops
   2. Uncovered stops
2. Catch basins in the watershed
3. Citizen input is critical to managing our watershed. Pittsburgh 311 uses citizen contributed data to take action on any number of issues ranging from downed trees to potholes. Geocoding these locations and identifying ones that are relevant to the watershed, or specific pieces of watershed infrastructure helps us understand what is being reported and where.

*What is the location of 311 data and what is the spatial relationship between relevant 311 data and:*

1. Catch basins in the watershed
2. Street trees in the watershed
3. Explore a question of your own using the data provided. We have other data available as well and are generally willing to share. We have questions we would like to explore, but we also know that an outside perspective may offer new opportunities for analyzing situations in the watershed.