**Mapping Scenario:**

An NGO in Kenya would like to better understand the types of populations living in poverty. At the highest level, they would like to know how poverty rates correspond with levels of urbanization. Rural poverty and urban poverty require different approaches, and before developing a poverty reduction scheme, the client would like to have a county by county analysis of poverty rates and urbanization.

Good data exists on both urbanization and poverty, though it was collected 3 years apart (2006 and 2009). For the purposes of this analysis, I have decided to accept the different dataset timings with the idea that overall percentages should not change drastically in 3 years. Nevertheless, it is an important discrepancy to note.

What do I want to get out of this project?

* A map that communicates urbanization and poverty in a simple way that can readily also show any correlation, and populates with background data such as total number of people in poverty.

What do I want users to get out of it?

* See the urbanization level by county.
* See the poverty level by country.
* See both datasets simultaneously and intuitively, with an emphasis on simple, bare bones design.
* Include a basemap that also gives a sense of the terrain, to help the user understand the environment by county.

Content Requirements:

* Urbanization Data displayed on in choropleth map showing counties (instead of centroid points as currently).
* Poverty data displayed as proportional symbols.
* Data available in an info panel, with cumulative data (total number under poverty line) available via popup/hover.

Function Specifications:

* Data layers tiled and drawn to map.
* Data will generate two layers: one for urbanization and one for poverty.
* Urbanization data will be joined with county areal data, for choropleth map.
* Zoom will be limited to increase ergonomics; and cater to county level analysis.
* Info panel will automatically calculate relationship of county poverty level to national average.
* Hover/popup will provide specific info on each county.