

Week-7 linked views

The first data item is a map of the world with the countries colored based on their population. The mouseover effects in my figure are highlighting the country and generating a pop up with the name of the country and the specific population number. I did this because my figure is a map filled in with colors based on the population number and this mouseover effect enables the user to see exactly which country he is seeing on the map and what the name and population is of that country. This interactivity makes the map more specific than a global map colored in. My choice for color is a sequential choice. It has purple from dark to light, which gives a good contrast between high population (dark) and a low population (light). The countries with unknown data are colored yellow, so they are easily visible between the known data points.

The second data item is a barchart. It starts with the first country of the list (Aruba). The interactivity of this item is again an mouseover effect, which generates a pop up with the specific percentage. The barchart is generated by two datafiles (percentage kids and adults) and provides information about the percentage of demographic groups (children, adults and seniors). By clicking a country on the map or choose a country from the dropdown menu below the barchart, the barchart can be changed to a specific country. You can look up the distribution of demographic groups for each country. When another country is selected the barchart of that country will fade in.

The story for this data is an insight in not only the population of each country in the world, but also an insight in the distribution of that population.