

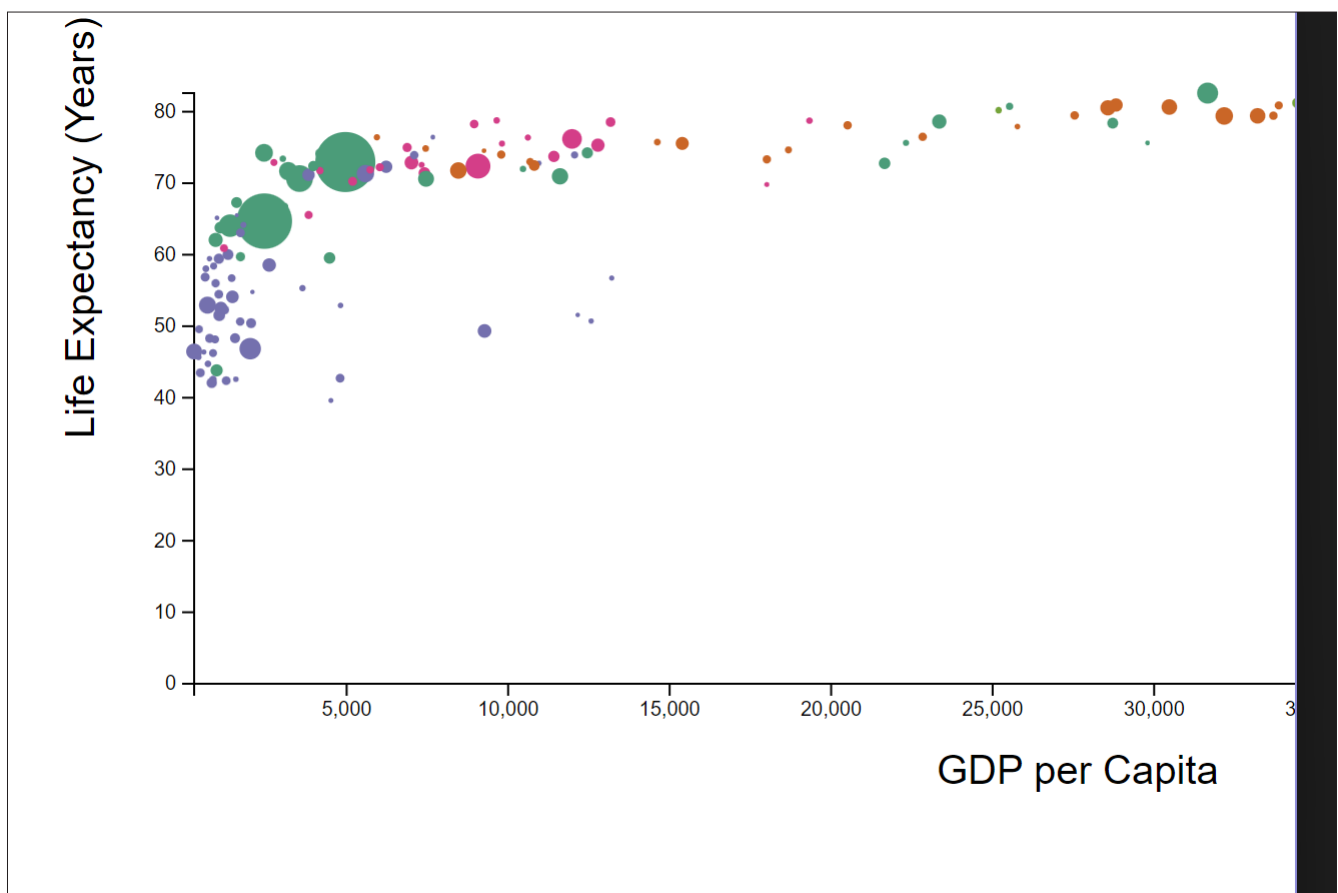
ASSIGNMENT 4

Gapminder Responsive Scatterplot

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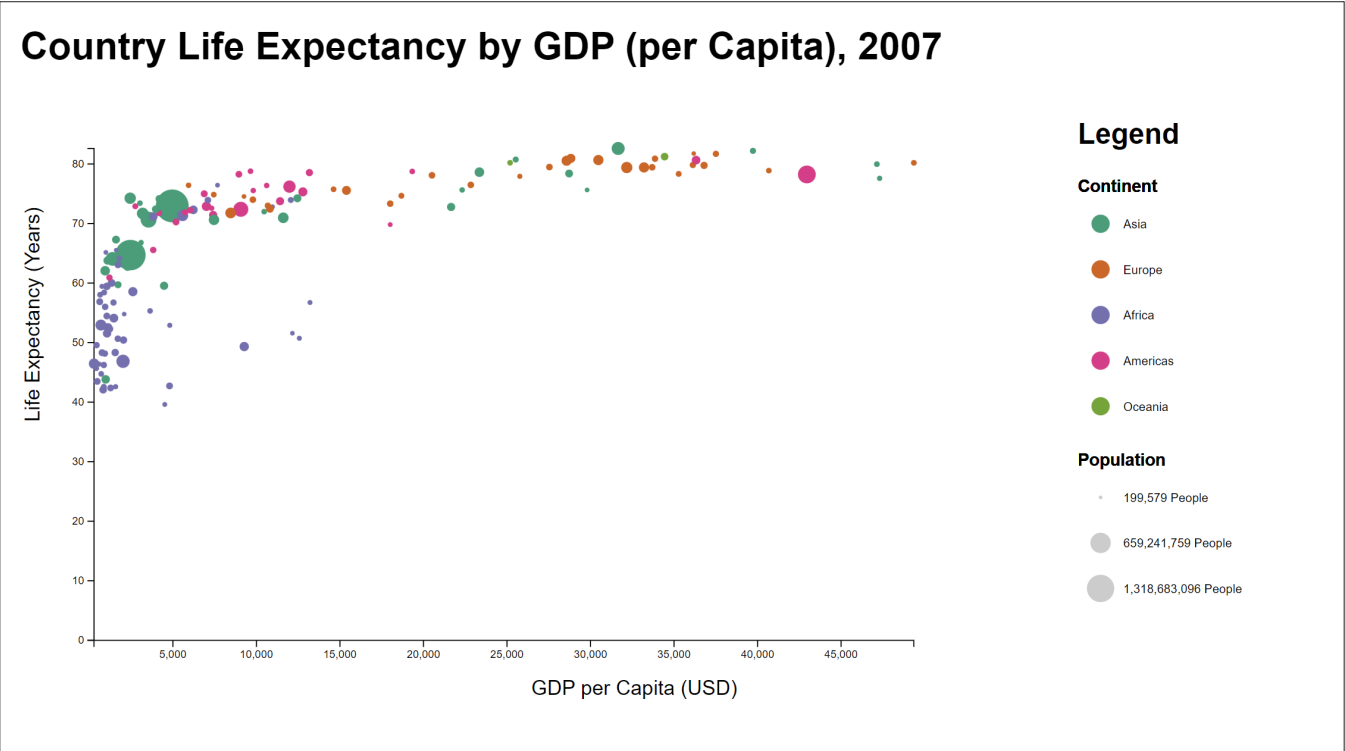
Original Scatterplot

This is a screenshot of the original Gapminder scatterplot that we worked on in class. The black bar at the right is where my browser ends and my computer background begins. As you can see, the scatterplot is not responsive. Everything stays the same size, and gets cut off by the browser window when the size changes.



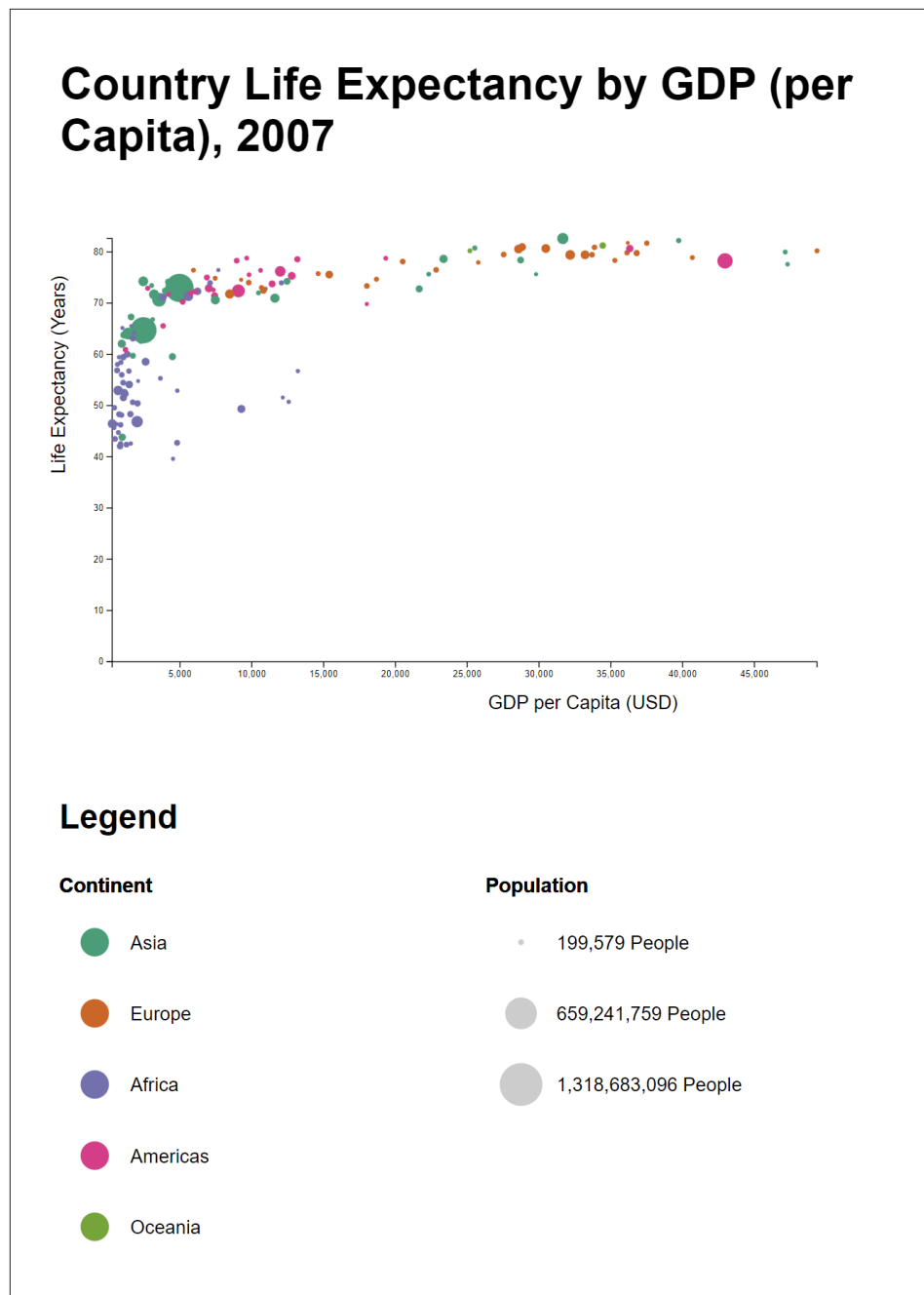
Updated Scatterplot, min-width 1024px

The first thing I did was update the scatterplot to include a title, legend, and tooltips. This is what it looks like on large screens, with a minimum width of 1024px.



Updated Scatterplot, max-width 768px

For tablet size, I moved the legend down below the chart and set it to two columns, so the font sizes can be larger. I also made the font size of the tooltips a bit larger within the chart.



Updated Scatterplot, max-width 501px

For phone size, I switched the legend from two columns to one column so that the font size can be readable at the small size. I'm not sure why the size legend is not maintaining the sizes of the circles in the svg. I would like to know how to edit the javascript by media queries as well as CSS to update the size of the chart.

