Design Choices: Is Life Better in The Netherlands?

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For this assignment with linked views I decided to start with the visualization of a world map, followed by two bar charts. On the top of the page you can use the navigation bar to find more information about the story and background of the data and charts. There are also two buttons, through which the year of the data, 2016 and 2017, can be changed. Once one of those buttons is pressed, the world map and bar charts are automatically updated. The button will also change it's color to green, so the user always know whether the data that's currently presented is from 2016 or 2017.

Worldmap
At first, I decided to use the data from the Better Life Index of the OECD, which did not contain the same data all countries. There was also not one specific continent that was complete, so I thought it would be best to use the whole world map to be able to show all countries of which there was data and just leave the other countries blank. The world map shows a quite important indicator of the Better Life Index, namely the Satisfaction Rate of the people in the country. This was a nice variable to portray on a world map through different color scales and tooltip bars. Since I decided to compare the bar chart data to the one of the Netherlands and because the 'surrounding colors' are quite neutral I decided to go with orange. I chose yellow for the highest rates, because it can be associated with happy feelings and red for the least satisfied countries, because red usually means 'bad news'.

Bar Charts
When you click on one of the colored countries of the world map, the right-sided bar chart changes its data to that country's. The viewer gets the chance to compare the individual percentages of the indicators with the ones from the Netherlands, because they are strategically placed next to each other. There is again a tooltip which clarifies which variable the bar represents and what the connected percentage is. The darker the color red of the bars, the lower the percentage of that variable, compared to the other values of that country. So it is often the case that one charts brightest color is a way lower percentage than the brightest color of the Dutch graph, but it does give a clear picture about which variables have a high and low value for that particular country.

For more information about the variables and story behind the webpage and visualization, I made another HTML-page (in order to keep the visualizations page nice and clean), which can be accessed from the navigation bar on the top of the page under "Story".