

DESIGN CHOICES – Ellemijke Donner, 10734198

1. Datasets

- I took data from the WHO, as this is accurate data from a respected organisation. I wanted to look at the accessibility of clean water in South America, and wanted to give the best representation possible. Therefore, I took data from 2015 (as this was the only recent year with the full data). Then I went to the data about obesity, from the same organisation and same year (as this would set some continuity in the datasets).

- I was able to download them as .json files, which made working with them more easy.

2. interactive visualizations

- I decided to take a map as visualization with different colours and tooltip. This way it is clear what countries in South America have the worst access to clean and fresh water. I also added that the bar chart appears when you click on the map – as I thought it would be fun.

- the second part of the visualization contains is the bar chart, also consisting of different colours and tooltip. As this gives specified information about the bar.

3. linked views

- the views are linked by the click action and if you hover on a certain country this bar lights up in the chart.

4. Bootstrap

- through the bootstrap it is possible to change the dataset (by gender).

5. Storytelling

- I found it a nice design to put the story telling in the middle, as this should be the main goal of the website .

6. Design choiches

- When I go to an informative website, I like to see data in one glance. With this website I aim to do the same. When you go to this site, all the data is visible in one look, at the same time there is some interactivity.

7. Code

- I tried to make a function with `array.filter(function)`, but whatever I did I could not get it working. I also tried different ways of giving the right `dataArray` to the `barchart` function, but it did not work. That is why I choose to make if-statements (again), although if I would have had more time I would change this, as I know it is not pretty nor optimal.