

## Design process of data processing week 5

- Firstly, I thought that making a map to illustrate the data was the best way. The data chosen had the happy indices and the associated elements per country. Due to the size of the data, was it a right decision to make a map of the world instead of a continent. If you see the contours of the smaller countries, it's sometimes difficult to click on the country in question. But the data updated to the bar chart would be a lot less. In hind sight, the color coating of the country is not color-blind proof. So, it could be that the ranking is not as clear as intended.
- Secondly, the tooltip in the map is intended to support the color coating of the countries with an absolute value. I chose for the HPI, so that you can link the HPI value with the ranking of that country. Also, the name of the country shown in the tooltip is convenient for clarification.
- Lastly, I chose to use the click function to update the bar chart instead of the hover function, because otherwise you can't see the belonging bar chart. I, also, used the same color coating for the different bars to show the ranking of each element of the happy index. When the bar is green shows a lower rank and vice versa. I chose for a bar chart, because it seemed the best way to present the different elements of the HPI.