

Homework week 7: Linked Views

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My data describes a wellbeing index. Wellbeing differs around the globe. This variation is shown in a world map with different hues of blue. Hovering over a country shows a tooltip with the country name and the absolute wellbeing value.

Furthermore, a scatterplot is shown, plotting wellbeing on the y axis and several different possible influencers of wellbeing on the x axis. All countries are plotted in this scatter plot as a dot. The dots have a slight opacity filter to make the plot look better and to enhance contrast when a country is clicked on the world map. Then, the opacity filter is removed and the dot changes color and size.

These three factors help to get the users focus.

The x axis variable can be changed with a dropdown menu. The scatterplot is animated to keep the users attention. The highlighted country stays highlighted after changing the x axis. This allows the user to follow the country he or she is interested in.

A feature that I would have liked to implement is a on hover tooltip in the scatterplot. The user might be interested to know which country is that outlier with a very high GDP, for example. Right now, this is impossible except for opening up the Chrome inspector or clicking all countries to find it.