

Portfolio – 4 [\(Link\)](#)

Reflection

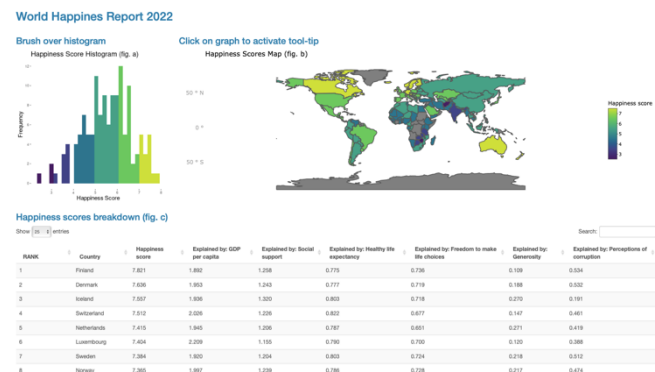
The reason I went on to make changes in the ‘World Happiness Report 2022’ app (in portfolio-3) was because I received constructive feedback from my peers and professors about the app functionality. Moreover, there was scope of improvement in the layout and design of the app.

There were major improvements in the layout and aesthetics. In terms of layout, instead of having one plot being on top of another, I decided to use space more effectively by having the histogram in (fig. a) and world map in (fig. b) side-by-side, and the table at the bottom. I improved the aesthetics of the plot by making sure plot titles have consistent fonts sizes and style, removed the default gray theme for plots, removed the grid lines and borders for the histogram, and colored the histogram according to the color scheme used in the world map. I did not make changes in the write-up as it concisely had information about the visualization creation and analysis.

Before:



After:



Short Description

The World Happiness Report 2022 app allows the user to analyze the happiness scores around the world. The user can see happiness score distributions on the histogram and world map and see the break-down of the scores in the data table.