Exploring Happiness

January 18, 2023

A full detailed summary of this dataset can be found at this page.

Assignment

1. Find the 10 countries countries with the highest happiness rank.

2. Find the 10 countries with the lowest happiness rank.

3. Visualize and describe the distribution of all happiness scores across all countries.

4. Visualize the distribution oof generosity scores of all countries.

5. Create pairwise boxplots for the happiness scores of countries in various regions.

6. Create a scatterplot of happiness score as a function of generosity. Color the dots by region, and size the dots by GDP.

7. Create a correlation heat map visualizing the correlations for all numeric variables in the dataset.

8. Create 5 more visualizations that are not listed above and describe what insights you may draw from them.