Assignment 4

For this individual assignment, you need to find, analyze and improve a visualization using the principles and theory provided in the lectures. Some examples are selected and will be discussed during the lecture on Good and Bad Visualizations.

Exercise 1 – Analyze and improve a visualization

In the news and media in general, visualizations are used to communicate the current situation and the progression of an important topic to a broader audience.

(a) Find a visualization that you would consider not adequate according to the principles and theory presented during the lectures. Describe the visualization and what aspects (i.e., the marks, visual encodings,…) you would consider not adequate and motivate your answer.

(b) Are there any aspects that could be considered adequate? If so which ones? Why are they adequate?

(c) Present an alternative to the visualization in (a) such that it becomes adequate. Make a sketch of the visualization and present it in the pdf. Motivate why it is adequate.