Course Assignments
for

Information Visualization
4DV805 – Fall 2022

Assignment 1

Deadline for this assignment is Sept. 05, 2022 at 23:55.

Task 1 *Popular use of InfoVis approaches*
There are many popular web sites that use information visualization techniques, especially sites from newspapers and magazines. You should take a look at the following data visualizations created over the past few years:

EU Referendum (2016) http://www.bbc.com/news/uk-politics-36616028

US Presidential Election (2016) http://elections.huffingtonpost.com/2016/results/president

Frustrations Doing Data Visualization (2017) https://shirleywu.studio/community/

Free and Occupied Beds for Covid-19 Patients in Germany (2020) https://coronavis.dbvis.de/en/overview/map/bedcapacities

Visit these pages, identify the visual representations, and try to understand all interaction possibilities. Write down what you think about the visualizations (your opinion, pros, cons).

Task 2 *Good and bad visual design*
In this task, you will have to find two examples of visualizations, charts, or diagrams. One of them should depict a good visual design and one should present a bad one. You should write a short explanation about both of them (provide screenshots of the visualizations, too!) and discuss the reasons *why* you think they present good or bad examples respectively. You can take the samples from anywhere you like (web, books, magazines, etc.).
Note: Do not forget to reference your examples!

Please prepare a report (PDF) with your results and upload it to Moodle by the given deadline! If you have questions you can contact Angelos Chatzimparmpas via email (angelos.chatzimparmpas@lnu.se). You will have to present your work on Sept. 06, 15:15-17:00, room D1167V.
Please note: any kind of plagiarism is not acceptable!