Course Assignments
for

Information Visualization (TNM111)
Spring 2024

Assignment 1

The deadline for this assignment is Monday, Jan 22nd, 2024 (at 23:59).

Task 1 *Popular use of InfoVis approaches*
Many popular websites 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

Shooting in Sweden (2023) https://www.svt.se/datajournalistik/skjutningar-i-sverige-ar-for-ar/

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 the interaction possibilities. Write down what you think about the visualizations (your opinion, pros, and 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) and discuss the reasons *why* you think they present good or bad examples, respectively (your opinion, pros, and cons). You can take the samples from anywhere you like (web, books, magazines, etc.), but try to extend your search and not take the first visualization you come across.
Note: Do not forget to reference your examples!

Please prepare a report (PDF) with 500-1000 words including your results, and upload it as a submission to Lisam by the given deadline! If you have questions you can contact your lab assistant, Elias Elmquist (elias.elmquist@liu.se) for class A, or Peilin Yu (peilin.yu@liu.se) for class B.
You will have to present your work on Tuesday, Jan 23rd, from 15:15-17:00, KO24 (Class A) and KO25 (Class B).
Note: Any kind of plagiarism is not acceptable!