

Course Assignments
for
Information Visualization
4DV805 – Autumn 2020

Assignment 1

Deadline for this assignment is Sept. 07, 2020 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:

The World at Seven Billion (2011) <http://www.bbc.com/news/world-15391515>

Super Bowl Ad Time (2014) <http://money.cnn.com/interactive/news/superbowl-commercials/>

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

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

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).

Note: For the first website, you may have to allow “insecure content” in order to work properly.

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. 08, 15:00-16:45, online via Zoom. Please note: any kind of plagiarism is not acceptable!