

**Course Assignments  
for  
Information Visualization  
4DV800 – Spring 2020**

**Assignment 1**

Deadline for this assignment is Jan 27, 2020 at 23:55.

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**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).

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**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!

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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](mailto:angelos.chatzimparmpas@lnu.se)). You will have to present your work on Jan 28, 15:00-16:45, room B3033V. Please note: any kind of plagiarism is not acceptable!