

**Course Assignments
for
Information Visualization
4DV800 – Spring 2017**

Assignment 1

Deadline for this assignment is Jan 29, 2017 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, for example, take a look on the suite of data visualizations that the NY Times has created over the past few years, a few examples of which are listed below:

Political candidate's names in speeches <http://www.nytimes.com/interactive/2007/12/15/us/politics/DEBATE.html>

Netflix Queues in areas <http://www.nytimes.com/interactive/2010/01/10/nyregion/20100110-netflix-map.html?hp>

Movie revenues http://www.nytimes.com/interactive/2008/02/23/movies/20080223_REVENUE_GRAPHIC.html

But or rent? <http://www.nytimes.com/interactive/business/buy-rent-calculator.html>

Olympic medals http://www.nytimes.com/interactive/2008/08/04/sports/olympics/20080804_MEDALCOUNT_MAP.html?_r=0

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 figures 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 Kostiantyn Kucher via email (kostiantyn.kucher@lnu.se). You will have to present your work on Jan 30, 15:00-16:30, room B3033V.

Please note: any kind of plagiarism is not acceptable!