



## DD2257 Visualization 2014 - VIS14

Visualization is the art of helping people paint ideas from data. After this class, you will be able to:

1. Create and use fully-functioning visualization systems that facilitate actionable insight through interactive data transformations, visual mappings, and view transformations.
2. Defend your design choices.
3. Constructively criticize other visualization systems.
4. Explain and demonstrate your visualization systems to wide audiences, from novices to experts.
5. Elicit constructive criticism from users of your visualization systems.

To achieve this goal, you will work on four projects, three individual projects, one final group project. You will get a grade (A>90%, B>80%, C>70%, D>60%, and E>50%). This percentages are computed as follows:

|           |   |      |                  |     |
|-----------|---|------|------------------|-----|
| Project 1 | individual                              | due: | Tue 1 apr 08:00  | 15% |
| Project 2 | individual                              |      | Tue 8 apr 08:00  | 15% |
| Project 3 | individual                              |      | Tue 15 apr 08:00 | 15% |
| Project 4 | group                                   |      | In parts         | 40% |
|           | Proposal                                |      | Tue 22 apr 08:00 | 5%  |
|           | Hello World Demo                        |      | Tue 29 apr 15:00 | 5%  |
|           | Update                                  |      | Tue 6 may 08:00  | 5%  |
|           | Final Demo                              |      | Thu 15 may 15:00 | 15% |
|           | Webpage report, code, executable, video |      | Thu 22 may 23:59 | 10% |
| Readings  | individual                              |      | weekly           | 15% |

I will grade each project on its ability to accomplish the five learning outcomes above. You will be responsible for collecting and displaying the evidence of your progress through online project reports (webpages, wiki pages, Facebook pages). I will grade your readings through your participation in class when we discuss the assigned readings and through your summaries. Look for information on our KTH Social page and our Facebook group page.

<https://www.facebook.com/groups/vis14>

<https://www.kth.se/social/course/DD2257/>

Thank you,

Mario Romero