

Instructions for the project report

The project report is extremely important and counts for a significant part of your final project grade. Projects without a complete report will lose marks, even if they have working code. Do not leave the writing of the report of the very last minute; devote time to writing it.

The report should not just describe the code that you have written, but it should present the problem that you solved, the methodology that you followed, and the results that you obtained. Reading the report one should be able to understand what you did and what you discovered without needing to read anything else.

The report should include the following:

- A description of the project topic. This is similar to the project proposal, but now, after having gone through the project it should be more concrete. What is the problem that you solve? What question are you trying to answer, or what hypothesis are you testing?
- A description of the methodology that you follow. How do you solve the problem, or answer the question? What techniques are you using?
- A description of the metrics that you use for evaluating your results. How will you show that you did works, or does not work? How will you measure your hypothesis?
- Presentation of your results. What did you find? How do the techniques work in practice? Comparison of alternative approaches. Your idea may not work, but it is important to have tested it and be able to demonstrate it with experiments and numbers. For some projects it may be useful to have a visualization of your results.
- Technical details: Here you should mention details about the implementation. What parts of the data did you use? What code did you write, and what packages did you use? Any other detail that helps someone reproduce your experiments. You can also add instructions on how to use the software that you will hand in.

Hand in your report, your code, and your results (intermediate and final).

Good luck!