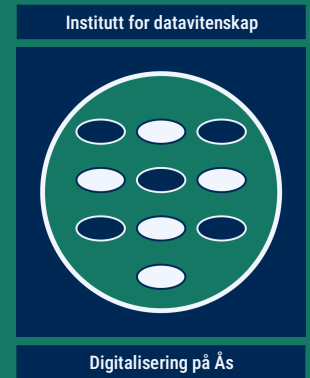


Norges miljø- og
biovitenskapelige
universitet



DAT390

Data science seminar

4 Research ethics and impact

4.2 About the nearly finished report and the final report

Mid-term evaluation results



Rapport

DAT390 2024H mid-term evaluation

↔ "DAT390 should be mandatory for all master students in data science."

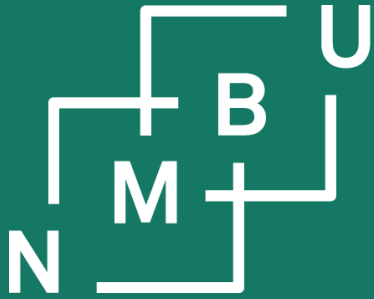
Antall svar: 22 Snitt: 2.23 Median: 2

Svar	Antall	% av svar	Diagram
0	5	22.7%	22.7%
1	2	9.1%	9.1%
2	7	31.8%	31.8%
3	2	9.1%	9.1%
4	3	13.6%	13.6%
5	3	13.6%	13.6%

Does the effort that you invest in DAT390 relate appropriately to its status as a 5 credit course?

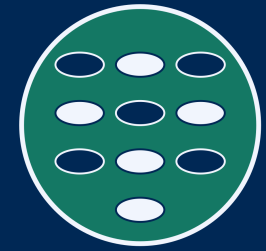
Antall svar: 20

Svar	Antall	% av svar	Diagram
Yes, it does.	9	45%	45%
No, it is in effect less work than would be common for a 5 credit course. (Use the free-text box below if you would like to explain.)	1	5%	5%
No, it requires more work than should be the case for a 5 credit course. (Use the free-text box below if you would like to explain.)	10	50%	50%



Noregs miljø- og
biovitenskaplege
universitet

Institutt for datavitenskap



Digitalisering på Ås

4 Ethics and impact

4.2 Nearly finished report

Scope and format

The aims for the nearly-finished report are exactly the same as for the final report. It is not graded, just an opportunity to get feedback before it counts.

Generally, best submit anything you have by the date (8th November 2024).

For the final report:

- 12 pages, *not* counting literature, indices, appendices, or cover pages.
- All the elements should be there: An introduction, discussion of theory and background / literature and state of the art, your methodology, your preliminary results so far, a discussion of these results in context, and a conclusion where you also point at future work.
- The preliminary results can have the form of a feasibility demonstration.
- You are not tied to a fixed structure or naming convention for sections.

If you use the template, please edit NMBU.cls to say "DAT390 Report."

Why the “preliminary results” or “feasibility study”?

Until 2023, the rule was simply: The DAT390 report will be graded according to the same standards as a master thesis.

But in practice, that did not make sense, and was not done. The expected results in a DAT390 report cannot be held to the same standards as the thesis. This is now made explicit by stating that **some sort of results** must be there, but we know that this is an **early stage of the work**, and take it into account.

So for example, you can showcase one small part of the method, consider a much simpler scenario than planned in the end, or discuss the present status of the work in detail, explaining how you will take care of what is missing.

In the discussion part (e.g., section called “Discussion”), show how the work will lead to something that goes **beyond the state of the art**, at least in your narrow field. If it is unclear whether something will work as expected going forward, it is a good idea to include a brief **risk and mitigation** discussion.

Criteria for grading

Scheme for grading DAT390 reports

- 10 Literature review and disciplinary context
- 10 Technical grounding and theoretical insight
- 10 Goal description
- 10 Choice and justification of working methods
- 10 Good practice related to data
- 10 Preliminary results and/or feasibility demonstration
- 10 Analysis and discussion
- 10 Critical reflection and plans or suggestions for future work
- 10 Structure and form
- 10 Language

30%

**Introduction
and theory**

20%

**Methods and
working practice**

30%

**Results and
discussion**

20%

**Form and
academic writing**

A: 90 - 100

B: 80 - 89

C: 60 - 79

D: 50 - 59

E: 40 - 49

F: 0 - 39

See also the **grading guidelines document** (on Canvas or the website)

Remarks in view of grading

Whatever you do, **absolutely do not use others' graphics** unless you have the rights. If you do have the rights, submit a proof of this jointly with the report.

- Failure to do so can cause an “F” and all your effort will be in vain.
- The reason is that DAT390 is (among other things) a course *about this*.
- One way of documenting your rights is a footnote, pointing to the source URL (with date of access) and the license mentioned (e.g. CC0). But you can do this in any way, also in an Appendix or an additional file.

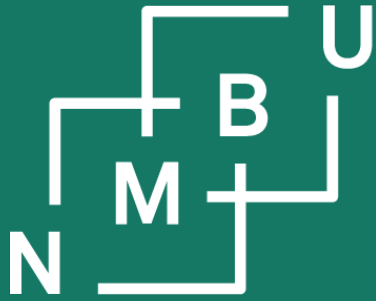
Pay attention that there are **10/100 points for “good practice related to data.”** Think about how your data will be made FAIR and results reproducible.

You are now writing a document that is similar to a **conference or workshop paper**. Do you know of a relevant upcoming workshop, where a manuscript based on it could be submitted? *This may give you 5 additional study points!*

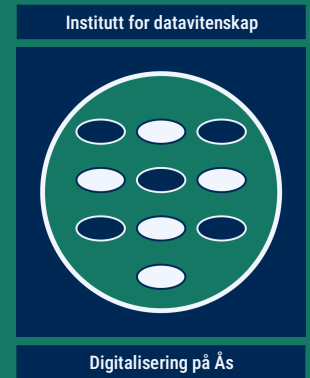
Remarks in view of grading

Some observations based on last year's experience:

- Look into the **grading criteria** and check that all are being addressed.
- **Based on** what the **state of the art** is, **formulate your goals clearly**; best if you can include clear metrics for success. It is not a problem if you don't reach your target yet, at the stage of preliminary results.
- The gap between what you have reached now and where you want to go is perfect content for a **critical reflection** and plans for **future work**.
- You are free in choosing your subsection and section titles, they are good if they are helpful to the reader. **Important: Don't go above the specified 12-page size limit (excluding references etc.)**.
- **Don't exaggerate** your claims. You are at the beginning, and it is good to admit shortcomings in your first attempt (see also critical discussion).



Norges miljø- og
biovitenskapelige
universitet



DAT390

Data science seminar

4 Research ethics and impact

4.2 About the nearly finished report and the final report