

DS2001 (Introduction to Data Science, HT 2024, Halmstad, E3103, H3101, X3103)

Number of possible respondents: 60

Answers: 37

Response rate: 61,67 %

Study pace: 100 %

Examiner's course analysis

Based on the course evaluation result - which are the strengths of the course?

The students had a very positive view of the course, finding it both engaging and well-organized. They particularly appreciated the teaching approach, describing it as enthusiastic, knowledgeable, and genuinely focused on supporting their learning. Complex ideas were broken down in a way that made them easier to understand, with clear explanations and an emphasis on encouraging critical thinking (which really made an impact on the class). The course materials were seen as valuable tools for both preparation and review, offering flexibility in how they could learn. The course structure, which combined lectures, labs, and projects, gave students the chance to apply what they had learned in a practical way, helping to reinforce their understanding and engagement.

Based on the course evaluation result - which are the weaknesses of the course?

While students were highly satisfied, some noted a few areas for potential improvement. They suggested allocating more time to reinforce foundational Python programming skills at the beginning of the course and incorporating additional exercises to deepen understanding of data science and machine learning concepts. A few students found the final exam structure challenging, specifically when questions were split across multiple pages. Others suggested optimizing the schedule by reducing the number of consecutive sessions.

Comments about the collaboration with the course ambassadors

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Conclusion and suggestions for course development or already made decisions

Overall, the course was a great success, with students benefiting from both the teacher's effective teaching and the course's practical orientation. For future iterations, minor adjustments could enhance the experience further. These include dedicating additional time at the start for foundational Python programming, spreading out lecture hours more evenly, and including a few more interactive exercises focused on DS & ML concepts. Structuring exams for easier readability and numbering all lecture slides consistently will also streamline learning and assessment. These refinements will help make an already good course even more accessible and engaging for future students.

Other comments

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Gender

	Number of responses	Distribution (%)
Female	5	14%
Male	29	78%
Do not want to define	3	8%
Total	37	100%

I am overall satisfied with the course.

	Number of responses	Distribution (%)	Index (%) I am overall satisfied with the course	90
0 = I definitely do not agree	0	0%		
1	0	0%		
2	0	0%		
3	5	14%		
4	8	22%		
5 = I definitely agree	24	65%		
No opinion	0	0%		
Total	37	100%		

How much time have you spent on the course in relation to the course's study pace?

	Number of responses	Distribution (%)
Less time than the course study pace	18	49%
Corresponding to the course study pace	16	43%
More time than the course study pace	3	8%
Total	37	100%

The design of the course (teaching methods, literature, pedagogy, etc.) has been well adjusted to help me achieve the learning outcomes in the syllabus.

	Number of responses	Distribution (%)	Index (%) The design of the course (teaching methods, literature, pedagogy, etc.) has been well adjusted to help me achieve the learning outcomes in the syllabus.	87
0 = I definitely do not agree	0	0%		
1	0	0%		
2	0	0%		
3	8	22%		
4	8	22%		
5 = I definitely agree	21	57%		
No opinion	0	0%		
Total	37	100%		

During the course examinations, I have had the opportunity to show that I have achieved the learning outcomes in the syllabus.

	Number of responses	Distribution (%)	Index (%) During the course examinations, I have had the opportunity to show that I have achieved the learning outcomes in the syllabus.	
0 = I definitely do not agree	0	0%		
1	1	3%		
2	0	0%		
3	3	8%		
4	14	38%		
5 = I definitely agree	16	43%		
No opinion	3	8%		
Total	37	100%		86

I have experienced the social study environment as good during the course.

	Number of responses	Distribution (%)	Index (%) I have experienced the social study environment as good during the course.	
0 = I definitely do not agree	0	0%		
1	0	0%		
2	3	8%		
3	5	14%		
4	12	32%		
5 = I definitely agree	16	43%		
No opinion	1	3%		
Total	37	100%		83

Course satisfaction index

Satisfaction index % (summary of all statements)	87
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