

DI8002 (Applied Data Mining, HT 2025, Halmstad, H3501, X3501)

Number of possible respondents: 26

Answers: 14

Response rate: 53,85 %

Study pace: 50 %

Examiner's course analysis

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

Overall, this year's evaluations were a great success, with the overall satisfaction index increasing from 61 last year (2024) to 86 this year. This is a significant achievement for the course staff, and I would like to thank everyone involved, as well as our excellent students, for the effort they put in. The students particularly appreciated learning about AI and machine learning and how these technologies are transforming the cybersecurity landscape. The lectures were generally well received. To better prepare students for the final exam, I incorporated in-lecture quizzes using Kahoot and AhaSlides. These quizzes created a fun and competitive atmosphere, encouraging active participation and engagement. This approach helped students prepare more effectively for the exam. Most students also appreciated the project competition at the end of the course.

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

The main issue appears to be that the course felt too condensed. Several students felt that six weeks was too short for the amount of material covered, and that some complex topics were therefore rushed. Students requested clearer project instructions from the start, more time for complex topics, additional recap sessions before the exam, and greater depth in deep learning architectures.

Comments about the collaboration with the course ambassadors

We had a dedicated and collaborative course ambassador who played an important role in helping the teaching staff communicate more effectively with the students. I would like to give a special shout-out to our course ambassador and thank him for his efforts. Communication with both the ambassador and the students was smooth and efficient throughout the course.

Conclusion and suggestions for course development or already made decisions

In conclusion, the course was highly successful, as reflected in the significantly improved evaluation results and positive student feedback. The strong engagement with the course content, interactive teaching methods, and effective use of in-lecture quizzes contributed to a positive learning experience. At the same time, student feedback highlighted areas for improvement, particularly regarding course pacing and the need for clearer project instructions and more time for complex topics. The collaboration with the course ambassador was highly effective and played an important role in maintaining smooth communication between students and teaching staff. Overall, the course provided a strong foundation that can be further strengthened through adjustments to course structure and timing in future iterations.

Other comments

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I am overall satisfied with the course.

	Number of responses	Distribution (%)	Index (%) I am overall satisfied with the course	86
0 = I definitely do not agree	0	0%		
1	0	0%		
2	0	0%		
3	4	29%		
4	2	14%		
5 = I definitely agree	8	57%		
No opinion	0	0%		
Total	14	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	3	21%
Corresponding to the course study pace	8	57%
More time than the course study pace	3	21%
Total	14	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.	
0 = I definitely do not agree	0	0%	84	
1	0	0%		
2	1	7%		
3	2	14%		
4	4	29%		
5 = I definitely agree	7	50%		
No opinion	0	0%		
Total	14	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%	76	
1	2	14%		
2	1	7%		
3	1	7%		
4	4	29%		
5 = I definitely agree	6	43%		
No opinion	0	0%		
Total	14	100%		

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%	97	
1	0	0%		
2	0	0%		
3	0	0%		
4	2	14%		
5 = I definitely agree	10	71%		
No opinion	2	14%		
Total	14	100%		

Course satisfaction index

Satisfaction index % (summary of all statements)	85
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