

DI8002 (Applied Data Mining, HT 2022, Halmstad, H3501, X3502)

Number of possible respondents: 22

Answers: 11

Response rate: 50,00 %

Study pace: 50 %

Examiner's course analysis

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

The course topic is hot, and the students are eager to learn about machine learning. Overall, the comments were positive, and the students were happy with the lectures and teaching. There was also a comment appreciating the opportunity to be hands-on with programming in the labs and the project.

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

The course seems to be a bit heavy for the students, as there were some comments about having too much content and workload. One preliminary decision with other teachers is to remove the seminar for 2023 to lessen the workload and give more time to students for the project. It seems some of the students lack the programming knowledge required for the course, and this is affecting the feedback.

There were also some complaints about the examination for being difficult and containing too many questions. This should be addressed next year.

Comments about the collaboration with the course ambassadors

It was not easy to recruit an ambassador for the course as there was no student volunteering for the job. This could be due to their tight study schedule and not having time to take responsibility. Finally, after the second announcement, I recruited a student. The CA provided a few questions to be added to the evaluation form and facilitated communication between teachers and fellow students.

Conclusion and suggestions for course development or already made decisions

The participation level in the course evaluation was not high, and this makes it a bit hard to conclude. Overall, the course seems to be a bit heavy for the students both in terms of content and workload. Other than that, the students seem to be happy with the topics and the teaching. This year we received fewer complaints about the content not being relevant to the security and forensics domain. This is due to the major revision of the lectures done by the teachers since 2021. Certainly, there is still room for improvement.

Other comments

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Gender

	Number of responses	Distribution (%)
Female	2	18%
Male	7	64%
Do not want to define	2	18%
Total	11	100%

I am overall satisfied with the course.

	Number of responses	Distribution (%)	Index (%) I am overall satisfied with the course	69
0 = I definitely do not agree	0	0%		
1	2	18%		
2	2	18%		
3	1	9%		
4	1	9%		
5 = I definitely agree	5	45%		
No opinion	0	0%		
Total	11	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	2	18%
Corresponding to the course study pace	6	55%
More time than the course study pace	3	27%
Total	11	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 (%)
0 = I definitely do not agree	2	18%
1	1	9%
2	2	18%
3	2	18%
4	1	9%
5 = I definitely agree	3	27%
No opinion	0	0%
Total	11	100%

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.

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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 (%)
0 = I definitely do not agree	2	18%
1	1	9%
2	1	9%
3	1	9%
4	1	9%
5 = I definitely agree	3	27%
No opinion	2	18%
Total	11	100%

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

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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	1	9%		
2	3	27%		
3	1	9%		
4	0	0%		
5 = I definitely agree	6	55%		
No opinion	0	0%		
Total	11	100%		73

Course satisfaction index

Satisfaction index % (summary of all statements)	63
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This is the first year the course literature has been updated. Did you find the two main textbooks of the course (Machine Learning and Security from O'Reilly, Hands-On Machine Learning with Scikit-Learn) relevant and interesting?

Did you receive enough relevant reading material from the course?