

DT8013 (Data Mining, HT 2024, Halmstad, E3438, H3438, X3460)

Number of possible respondents: 45

Answers: 19

Response rate: 42,22 %

Study pace: 50 %

Examiner's course analysis

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

The instructor's passion, humor, and responsiveness to emails were appreciated.

Lectures were considered a key highlight, providing a strong understanding of data mining archetypes and diverse methods.

The structure of the course, including valuable assignments and labs, was praised.

The flexibility in choosing project topics and the quality of project-related tasks were well-received.

Specific topics like clustering, anomaly detection, and time series analysis resonated with students, offering new and useful methods.

The slides used in the course were noted as a positive aspect.

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

Some Students felt a lack of appreciation on their seminar and project work.

The labs were described as repetitive, unengaging, and lacking clear motivation.

While a broad range of topics was covered, some complained about lack of depth in some topics.

The project and seminar scheduling were seen as rushed, with many tasks overlapping in the final weeks.

Some complained about time management for projects and presentations

A concern was raised about perceived bias during presentations.

Comments about the collaboration with the course ambassadors

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Conclusion and suggestions for course development or already made decisions

Introducing the project earlier, revealing datasets and goals sooner, and scheduling seminars earlier in the course.

Spacing out tasks and presentations throughout the course would alleviate pressure and allow more time for preparation.

Providing instructions and materials earlier in the course would enable students to plan and engage better with the content.

Revising the labs to remove the repetitive portions and add some bonus exercises which are more challenging.

In 4/5 of the labs, we used unlabeled data, in one lab we used a dataset with limited labels. But we can adjust the exercises to do some examples with labelled data and some examples with unlabeled for learning purposes.

I believe the arrangement of the lab was in line with the lectures, we had corresponding labs after each lecture. At the beginning of each lab, we had a discussion on the concepts learnt in the lecture that will be covered in the lab session.

The examiner confirms that no bias (to gender or nationality) has been applied in evaluation of projects and seminars. I encourage the student to report the issue to be investigated.

Other comments

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Gender

	Number of responses	Distribution (%)
Female	6	32%
Male	13	68%
Do not want to define	0	0%
Total	19	100%

I am overall satisfied with the course.

	Number of responses	Distribution (%)	Index (%) I am overall satisfied with the course	73
0 = I definitely do not agree	2	11%		
1	0	0%		
2	1	5%		
3	2	11%		
4	9	47%		
5 = I definitely agree	5	26%		
No opinion	0	0%		
Total	19	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	6	32%
Corresponding to the course study pace	9	47%
More time than the course study pace	4	21%
Total	19	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 (%)
0 = I definitely do not agree	2	11%	The design of the course (teaching methods, literature, pedagogy, etc.) has been well adjusted to help me achieve the learning outcomes in the syllabus. 74
1	0	0%	
2	1	5%	
3	1	5%	
4	10	53%	
5 = I definitely agree	5	26%	
No opinion	0	0%	
Total	19	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	2	11%	73	
1	0	0%		
2	2	11%		
3	2	11%		
4	4	21%		
5 = I definitely agree	8	42%		
No opinion	1	5%		
Total	19	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	1	5%	76	
1	1	5%		
2	0	0%		
3	4	21%		
4	6	32%		
5 = I definitely agree	7	37%		
No opinion	0	0%		
Total	19	100%		

Course satisfaction index

Satisfaction index % (summary of all statements)	74
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