

DT8052 (Machine Learning, VT 2024, Ortsoberoende, 23802)

Number of possible respondents: 49

Answers: 12

Response rate: 24,49 %

Study pace: 33 %

Examiner's course analysis

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

The "Machine Learning" course (DT8052) is intended for professionals (students from industry, who are working at the same time). The course has showcased its effectiveness through a high student satisfaction index of 90%. Key strengths as per student feedback include:

- Innovative and Flexible Learning Approach: The hybrid model offering both live sessions and pre-recorded lectures was highly praised for its adaptability, catering to diverse learning preferences.
- Practical and Relevant Lab Assignments: The utilization of Jupyter notebooks for hands-on lab assignments was highlighted as invaluable, enhancing the practical learning experience significantly.
- Quality of Instruction and Support: The prompt responses from the teacher and well-balanced course pace received positive feedback. Students appreciated the simplified, understandable explanations and the concise yet powerful teaching materials.
- Comprehensive Course Design: The overall structure of the course, including both high-level and detailed views of topics, was commended. Good communication with teachers, effective use of the Blackboard platform, and the availability of pre-posted lectures and materials contributed to a pedagogically sound course.

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

Despite the numerous strengths of this remote "Machine Learning" course (DT8052), one significant area for improvement has been pinpointed: the Examination Structure. In addition to the labs, the course largely depends on a multiple-choice test for evaluation. However, this approach may not fully cater to the diverse learning styles and preferences of students. It was suggested to diversify the assessments slightly more.

Comments about the collaboration with the course ambassadors

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Conclusion and suggestions for course development or already made decisions

The "Machine Learning" course (DT8052) stands out for its engaging content, flexible learning options, and strong practical focus. To further refine the course, we will potentially explore more alternative assessment formats.

Other comments

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Gender

	Number of responses	Distribution (%)
Female	5	42%
Male	7	58%
Do not want to define	0	0%
Total	12	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	1	8%		
3	0	0%		
4	3	25%		
5 = I definitely agree	8	67%		
No opinion	0	0%		
Total	12	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	4	33%
Corresponding to the course study pace	7	58%
More time than the course study pace	1	8%
Total	12	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	3	25%		
4	2	17%		
5 = I definitely agree	7	58%		
No opinion	0	0%		
Total	12	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	0	0%		
2	1	8%		
3	1	8%		
4	4	33%		
5 = I definitely agree	5	42%		
No opinion	1	8%		
Total	12	100%		84

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	0	0%		
3	1	8%		
4	4	33%		
5 = I definitely agree	2	17%		
No opinion	5	42%		
Total	12	100%		83

Course satisfaction index

Satisfaction index % (summary of all statements)	86
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