

DT8059 (Machine Learning for Predictive Maintenance, VT 2024, Ortsoberoende, 23557)

Number of possible respondents: 22

Answers: 3

Response rate: 13,64 %

Study pace: 33 %

Examiner's course analysis

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

- Topics covered in this course are relevant, practical, and useful
- Projects and labs were based on real-world problems, introducing the Volvo PdM Challenge
- Supervision available for the practical project

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

- The course can be better coordinated and planned, as several sessions were rescheduled, and parts of the content were not given in a sequential order
- Course components/activities can be better aligned according to the syllabus
- More study cases on analyzing time-series data and exercises on data cleaning can be included
- Lectures can be arranged in a more interactive style

Comments about the collaboration with the course ambassadors

We had no course ambassadors

Conclusion and suggestions for course development or already made decisions

- The course planning will be improved; the activities will be aligned as described in the syllabus;
- More case studies on timer-series data will be added to the course
- More interactive components (e.g. quizzes, student-led presentations, and discussions) will be arranged in the lectures.

Other comments

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Gender

	Number of responses	Distribution (%)
Female	0	0%
Male	2	67%
Do not want to define	1	33%
Total	3	100%

I am overall satisfied with the course.

	Number of responses	Distribution (%)	Index (%) I am overall satisfied with the course	53
0 = I definitely do not agree	0	0%		
1	0	0%		
2	2	67%		
3	0	0%		
4	1	33%		
5 = I definitely agree	0	0%		
No opinion	0	0%		
Total	3	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	1	33%
Corresponding to the course study pace	2	67%
More time than the course study pace	0	0%
Total	3	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.	60
0 = I definitely do not agree	0	0%		
1	0	0%		
2	1	33%		
3	1	33%		
4	1	33%		
5 = I definitely agree	0	0%		
No opinion	0	0%		
Total	3	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 (%)
0 = I definitely do not agree	0	0%
1	0	0%
2	1	33%
3	1	33%
4	1	33%
5 = I definitely agree	0	0%
No opinion	0	0%
Total	3	100%

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

60

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

	Number of responses	Distribution (%)
0 = I definitely do not agree	0	0%
1	0	0%
2	0	0%
3	1	33%
4	1	33%
5 = I definitely agree	0	0%
No opinion	1	33%
Total	3	100%

Index (%) I have experienced the social study environment as good during the course.

70

Course satisfaction index

Satisfaction index % (summary of all statements)

60