Intelligent Learning and Analysis Systems: Machine Learning – Prof. Dr. Stefan Wrobel; Dr. Tamas Horvath

Lecture Survey – Fachschaft Informatik

23. März 2017
1 Lecture Evaluation

1.1 Please rate the lecture’s concept.

1.1.1 How often did you attend the lecture?

Always – Never
Antworten: 33
Durchschnitt: 1.7
Standardabweichung: 0.7

1.1.2 Did the lecture appear to be clearly structured to you?

Yes – No
Antworten: 33
Durchschnitt: 1.9
Standardabweichung: 0.9

1.1.3 Have topics been illustrated by sensible examples?

Always – Never
Antworten: 33
Durchschnitt: 2.4
Standardabweichung: 0.9

1.1.4 Were the slides/lecture notes helpful?

Very helpful – Not helpful
Antworten: 32
Durchschnitt: 2.2
Standardabweichung: 1.1

1.1.5 Have the topics been explained extensively enough?

Always – Never
Antworten: 33
Durchschnitt: 2.3
Standardabweichung: 0.9

2 Lecturer Evaluation

2.1 Please rate Prof. Dr. Stefan Wrobel.

2.1.1 How much of the content do you understand during the lecture?

Everything – Nothing
Antworten: 33
Durchschnitt: 1.8
Standardabweichung: 0.7
2.1.2 Did the lecturer answer your questions profoundly?

Always – Never

Antworten: 27
Durchschnitt: 1.7
Standardabweichung: 0.7

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<th>1</th>
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<th>5</th>
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<tbody>
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<td>44%</td>
<td>11%</td>
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</tbody>
</table>

2.1.3 Was the lecturer available for questions outside of the lecture?

Always – Never

Antworten: 25
Durchschnitt: 2.0
Standardabweichung: 1.0

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<td>36%</td>
<td>20%</td>
<td>4%</td>
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2.1.4 Could you understand the lecturer acoustically?

Very well – Not at all

Antworten: 32
Durchschnitt: 1.4
Standardabweichung: 0.7

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<tr>
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<td>25%</td>
<td>9%</td>
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2.1.5 The speed of proceeding was...

Too fast – Too slow

Antworten: 33
Durchschnitt: 2.7
Standardabweichung: 0.6

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<tr>
<td>6%</td>
<td>18%</td>
<td>73%</td>
<td>3%</td>
<td>0%</td>
</tr>
</tbody>
</table>

2.2 Please rate Dr. Tamas Horvath.

2.2.1 How much of the content do you understand during the lecture?

Everything – Nothing

Antworten: 33
Durchschnitt: 2.4
Standardabweichung: 1.0

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<tbody>
<tr>
<td>18%</td>
<td>46%</td>
<td>24%</td>
<td>6%</td>
<td>6%</td>
</tr>
</tbody>
</table>

2.2.2 Did the lecturer answer your questions profoundly?

Always – Never

Antworten: 26
Durchschnitt: 2.0
Standardabweichung: 0.9

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<th>5</th>
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<tbody>
<tr>
<td>38%</td>
<td>27%</td>
<td>31%</td>
<td>4%</td>
<td>0%</td>
</tr>
</tbody>
</table>
2.2.3 Was the lecturer available for questions outside of the lecture?

Always – Never
Antworten: 25
Durchschnitt: 1.8
Standardabweichung: 0.9

2.2.4 Could you understand the lecturer acoustically?

Very well – Not at all
Antworten: 33
Durchschnitt: 2.6
Standardabweichung: 1.1

2.2.5 The speed of proceeding was...

Too fast – Too slow
Antworten: 33
Durchschnitt: 2.9
Standardabweichung: 0.9

3 Module Evaluation

3.1 Please rate the module as a whole.

3.1.1 Did the course teach you helpful knowledge and abilities that will be useful in later work life?

Much – Nothing
Antworten: 31
Durchschnitt: 2.0
Standardabweichung: 1.0

3.1.2 Do the obligatory course achievements support successful completion of the module?

Yes – No
Antworten: 32
Durchschnitt: 1.8
Standardabweichung: 0.9

3.1.3 Do you think the obligatory course achievements are adequate?

Yes – No
Antworten: 32
Durchschnitt: 1.9
Standardabweichung: 1.0
3.1.4 Did your interest in this module’s field of study change?
Strongly inc. – Strongly dec.
Antworten: 33
Durchschnitt: 2.2
Standardabweichung: 1.1

3.1.5 Would you recommend taking this module to your best friend?
Yes – No
Antworten: 32
Durchschnitt: 2.1
Standardabweichung: 1.2

3.1.6 In relation to the number of credit points awarded, is the amount of work to be done justified?
Too high – Too low
Antworten: 33
Durchschnitt: 2.7
Standardabweichung: 0.8

3.2 How much time did you spend on this module every week, including lecture, exercises, exercise tasks…?

<table>
<thead>
<tr>
<th>Time Range</th>
<th>Percentage</th>
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<tbody>
<tr>
<td>[0,3) hours</td>
<td>6%</td>
</tr>
<tr>
<td>[3,6) hours</td>
<td>10%</td>
</tr>
<tr>
<td>[6,8) hours</td>
<td>9%</td>
</tr>
<tr>
<td>[8,10) hours</td>
<td>6%</td>
</tr>
<tr>
<td>[10,12) hours</td>
<td>2%</td>
</tr>
<tr>
<td>[12,∞) hours</td>
<td>1%</td>
</tr>
</tbody>
</table>

4 Exercise Evaluation

4.1 Please rate the quality of the exercises that accompanied the lecture.

4.1.1 How often did you attend the exercise class?
Always – Never
Antworten: 33
Durchschnitt: 1.7
Standardabweichung: 0.9

4.1.2 Have the exercise sheets been available on time?
Always – Never
Antworten: 33
Durchschnitt: 1.5
Standardabweichung: 0.6
4.1.3 The difficulty of the exercise sheets varied...

Not at all – Greatly

Antworten: 33
Durchschnitt: 3.4
Standardabweichung: 0.8

4.1.4 Did the contents of the exercises match the current contents of the lecture?

Lecture far ahead – Lecture far behind

Antworten: 33
Durchschnitt: 2.8
Standardabweichung: 0.6

4.1.5 Judge the size of your exercise group!

Too big – Too small

Antworten: 32
Durchschnitt: 2.8
Standardabweichung: 0.6

4.1.6 Usually I thought the exercises were...

Too difficult – Very easy

Antworten: 33
Durchschnitt: 2.6
Standardabweichung: 0.8

5 Exercise Class Evaluation

5.1 Please rate the exercise class you visited.

5.1.1 Has the tutor been available for questions outside of the tutorial?

Always – Never

Antworten: 28
Durchschnitt: 1.6
Standardabweichung: 0.8

5.1.2 Could you understand your tutor’s corrections and gradings?

Always – Never

Antworten: 32
Durchschnitt: 2.3
Standardabweichung: 1.2
5.1.3 Did the tutor manage to handle all the relevant content in the exercise class?

Always – Never

Antworten: 32
Durchschnitt: 2.0
Standardabweichung: 1.1

5.1.4 Would you recommend visiting this exercise class?

Yes – No

Antworten: 33
Durchschnitt: 2.0
Standardabweichung: 1.3

6 Comprehensive Rating

6.1 Please give an overall rating of the course on a scale from excellent (1) to very poor (6).

excellent (1) 9%
good (2) 18%
satisfactory (3) 4%
adequate (4) 3%
poor (5) 0%
very poor (6) 1%

7 Free Text Comments

7.1 Which aspects of the course did you like?

Lectures Exercises

exercises
mid term
very motivated professors

Structure & depth.

program and content

- Prof. Wrobel is a good lecturer
- Topics are very easy

I liked the covered material and the insightful exercise problems

programming assignments

The theoretical emphasis

Prof Horvath is a perfect Teacher.
7.2 What could be improved?

Number of group members,
Number of credit points

more programming exercises.

Books as supplementary read would be great

- An algebra course for my tutor - a tutor of a master lecture should know algebraic bases like modulo er eigenvalues
- An english course for lecturer Tamas - it is hard to understand him
- It is not adequate, that the midterm exercise-checkup is obligatoric to be admitted to the exam
- More examples instead of pseudo-formations in the lecture

More programming exercises, more images in the slides, more materials to study outside, as textbooks prepared by professors

Slides, relatig to Prof. Wrobel are really bad!

- Make course relevant to modern advancement
- Motivate techniques well
- Move practical examples

- Dr. Horvath have to use less “Ähms”!
- Please let Prof. Wrobel be not taken this lecture again

7.3 You can leave remarks and further feedback here.

more mathematic so Basic understanding of mathematics can be giben for understanding lectures.

Could be good idea try to connect in better way theoretical and practical consepts.

Slides should be improved.

- Personally, I find the course focus too much focused on theoretical aspects.
- You are required to 'vote' solutions in order to pass the exam. No innovation!
- Little focus on implementational problems / what-technique-where-and-why details.

Prof. Wrobel just sketches everything without any kind of theoretical aspects :(
Lecturers’ Questionnaire

This part contains data provided by the lecturers.

1 Lecture metadata

<table>
<thead>
<tr>
<th>Question</th>
<th>Number</th>
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<tbody>
<tr>
<td>Number of students in the lecture at the beginning of the semester</td>
<td>70-80</td>
</tr>
<tr>
<td>Number of students in the lecture at the end of the semester</td>
<td>40-50</td>
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<tr>
<td>Number of students participating in the exercise classes at the beginning of the semester</td>
<td>90</td>
</tr>
<tr>
<td>Number of students participating in the exercise classes at the end of the semester</td>
<td>70</td>
</tr>
<tr>
<td>Number of students that have registered for the exam</td>
<td>70</td>
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</tbody>
</table>

2 Exercise classes

<table>
<thead>
<tr>
<th>Question</th>
<th>Number</th>
</tr>
</thead>
<tbody>
<tr>
<td>Number of exercise classes</td>
<td>3</td>
</tr>
<tr>
<td>Average number of students per exercise class at the end of the semester</td>
<td>15-20</td>
</tr>
</tbody>
</table>

The students have been assigned to an exercise class in the following way:
Assignment by the lecturer

3 Helpful stuff

There has been a text exam.
Sample solutions for exercise tasks have been distributed.

4 Free text comments

4.1 In your opinion, what aspects of the module worked well this semester?

4.2 What would you change if you were to offer this module again and why?

4.3 In case there have been obligatory course achievements: Please judge on their effectivity regarding the learning success of the students.

4.4 Further remarks