Intelligent Learning and Analysis Systems: Data Mining and Knowledge Discovery – Prof. Dr. Stefan Wrobel; Dr. Tamas Horvath

Intelligent Learning and Analysis Systems: Data Mining and Knowledge Discovery – Prof. Dr. Stefan Wrobel; Dr. Tamas Horvath

Lecture Survey – Fachschaft Informatik

October 28, 2018
1 Lecture Evaluation

1.1 Please rate the lecture’s concept.

1.1.1 How often did you attend the lecture?

Always – Never

Answers: 42
Mean: 1.8
Standard-Deviation: 0.9

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

Yes – No

Answers: 41
Mean: 2.0
Standard-Deviation: 1.2

1.1.3 Have topics been illustrated by sensible examples?

Always – Never

Answers: 42
Mean: 2.4
Standard-Deviation: 1.3

1.1.4 Were the slides/lecture notes helpful?

Very helpful – Not helpful

Answers: 41
Mean: 2.5
Standard-Deviation: 1.1

1.1.5 Have the topics been explained extensively enough?

Always – Never

Answers: 39
Mean: 2.5
Standard-Deviation: 1.0
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

Answers: 42
Mean: 2.5
Standard-Deviation: 1.1

2.1.2 Did the lecturer answer your questions profoundly?

Always – Never

Answers: 38
Mean: 2.1
Standard-Deviation: 1.0

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

Always – Never

Answers: 30
Mean: 2.5
Standard-Deviation: 1.3

2.1.4 Could you understand the lecturer acoustically?

Very well – Not at all

Answers: 40
Mean: 2.0
Standard-Deviation: 1.2

2.1.5 The speed of proceeding was...

Too fast – Too slow

Answers: 42
Mean: 2.6
Standard-Deviation: 1.0
2.2 Please rate Dr. Tamas Horvath.

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

Everything – Nothing

Answers: 42
Mean: 2.7
Standard-Deviation: 1.1

2.2.2 Did the lecturer answer your questions profoundly?

Always – Never

Answers: 37
Mean: 1.9
Standard-Deviation: 1.0

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

Always – Never

Answers: 33
Mean: 2.0
Standard-Deviation: 1.0

2.2.4 Could you understand the lecturer acoustically?

Very well – Not at all

Answers: 41
Mean: 2.7
Standard-Deviation: 1.1

2.2.5 The speed of proceeding was...

Too fast – Too slow

Answers: 40
Mean: 2.7
Standard-Deviation: 0.8
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

Answers: 42
Mean: 2.3
Standard-Deviation: 1.0

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

Yes – No

Answers: 42
Mean: 1.5
Standard-Deviation: 0.9

3.1.3 Do you think the obligatory course achievements are adequate?

Yes – No

Answers: 40
Mean: 1.8
Standard-Deviation: 1.1

3.1.4 Did your interest in this module’s field of study change?

Strongly inc. – Strongly dec.

Answers: 41
Mean: 2.5
Standard-Deviation: 1.2

3.1.5 Would you recommend taking this module to your best friend?

Yes – No

Answers: 41
Mean: 2.4
Standard-Deviation: 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

Answers: 42
Mean: 2.8
Standard-Deviation: 1.0

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

<table>
<thead>
<tr>
<th>Time Interval</th>
<th>Percentage</th>
</tr>
</thead>
<tbody>
<tr>
<td>[0,3) hours</td>
<td>5%</td>
</tr>
<tr>
<td>[3,6) hours</td>
<td>19%</td>
</tr>
<tr>
<td>[6,8) hours</td>
<td>38%</td>
</tr>
<tr>
<td>[8,10) hours</td>
<td>21%</td>
</tr>
<tr>
<td>[10,12) hours</td>
<td>10%</td>
</tr>
<tr>
<td>[12,∞) hours</td>
<td>2%</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

Answers: 41
Mean: 1.3
Standard-Deviation: 0.6

4.1.2 Have the exercise sheets been available on time?

Always – Never

Answers: 41
Mean: 1.1
Standard-Deviation: 0.3

4.1.3 The difficulty of the exercise sheets varied...

Not at all – Greatly

Answers: 40
Mean: 3.1
Standard-Deviation: 1.0
4.1.4 Did the contents of the exercises match the current contents of the lecture?

Lecture far ahead – Lecture far behind

Answers: 40
Mean: 3.0
Standard-Deviation: 0.8

4.1.5 Judge the size of your exercise group!

Too big – Too small

Answers: 41
Mean: 2.8
Standard-Deviation: 0.7

4.1.6 Usually I thought the exercises were...

Too difficult – Very easy

Answers: 40
Mean: 2.4
Standard-Deviation: 0.9

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

Answers: 40
Mean: 1.6
Standard-Deviation: 0.9

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

Always – Never

Answers: 41
Mean: 1.8
Standard-Deviation: 1.0
5.1.3 Did the tutor manage to handle all the relevant content in the exercise class?

<table>
<thead>
<tr>
<th>Always</th>
<th>Never</th>
</tr>
</thead>
<tbody>
<tr>
<td>43%</td>
<td>40%</td>
</tr>
<tr>
<td>7%</td>
<td>7%</td>
</tr>
<tr>
<td>2%</td>
<td>2%</td>
</tr>
</tbody>
</table>

Answers: 40

Mean: 1.9

Standard-Deviation: 1.0

5.1.4 Would you recommend visiting this exercise class?

<table>
<thead>
<tr>
<th>Yes</th>
<th>No</th>
</tr>
</thead>
<tbody>
<tr>
<td>78%</td>
<td>10%</td>
</tr>
<tr>
<td>0%</td>
<td>7%</td>
</tr>
<tr>
<td>5%</td>
<td>5%</td>
</tr>
</tbody>
</table>

Answers: 41

Mean: 1.5

Standard-Deviation: 1.1

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) 19%
- good (2) 43%
- satisfactory (3) 14%
- adequate (4) 12%
- poor (5) 2%
- very poor (6) 5%

7 Free Text Comments

7.1 Which aspects of the course did you like?

always examples to the algorithms

the algorithms part

The topics and real-world application was very interesting

Topics
Both lecturer seems very friendly

Algorithm

Nice examples for the algorithms

The content is useful

The midterm prepared us very much for the final exam
few interesting algorithms

Examples of each algorithms provided in the lecture

- very interesting topic
- motivating tutor

Frequent sets

mainly clustering Algorithms and Association Rule mining upto 1st level

clustering & association rule mining

slides of Dr. Horvath’s part

have example for every algorithm

7.2 What could be improved?

the theoretical part, with proofs a lot to be mugged up & found that irrelevant

Publish slides before the lecture so one can prepare for it and be able to ask questions. Programming exercises would have been nice

Other lecture hall. Acoustic was terrible. Really terrible If place doesn’t change I wouldn’t recommend taking this lecture

Lot of proof is not industry oriented. And modern upcoming techniques should be taught

Lecturer sometimes hard to understand (acoustically)

Always can’t hear the voice of the teacher clearly

The slides were very unhelpful, with formulas being used without the variables in them explained. Make the slides more clear.

the work to be done was a lot

More examples in the lectures could help in understanding the content better

- slides not two sufficient
- hardly any link between exercises and lectures
- provide coding exercises for algorithms right

Programming exercises to better understand the algorithms

Sometimes, especially guest lectures the lectures were inaudible, I didn’t understand a quarter of what the first one said
more modern topics

- some definitions/algorithms were not explained good on the slides
- some more examples on the slides

It could be more practical oriented

more examples could be given for some complex algorithms like dualige-Advance algorithm

the lecture notes could be more explanatory

slides of Prof. Dr. Wrobel's part (please define the notations)

less proofenent tasks

Topics and exercises questions should be more relevant many subtopics are skipped

7.3 You can leave remarks and further feedback here.

Yes, I wish the course content was less theoretical (with so many proofs) and more of practical application. Even the tutor I got was horrible. Juspile of mails and everything, he/she was never answerable and second too in considerale

Instead of mathematical proofs & focus more on current industry trends, that will be more benefical. Prof obviously a person will foget after some time so it does not make any sens, and slides should be more informative

I hope that teacher could speak loudly and clearly

Also needs a better room. Could not understand lecturer at all from the echos

The professor should get examples for the content he teaches. It is sometimes almost impossible to understand and the mathematical proof on the slides during the lecture

- need to make the slides more informative
- need to imporve the course intent to match with the industry or other research works being conducted

Some of the exercises were difficult as they needed strong math background

because of the slides the module was sometimes very frustrating
The slides could be more explanatory

- very good explanations of Dr. Hovath (of the alg. and the proofs)

quality of lecture can be improved. More.