

PORTAL Fakultät WIM

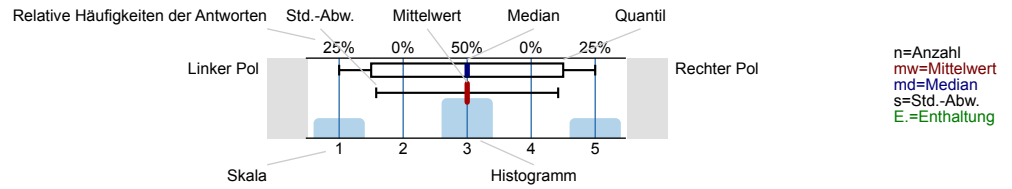
Data Mining - Heiko Paulheim - Vorlesung (EVA112)
Erfasste Fragebögen = 31



Auswertungsteil der geschlossenen Fragen

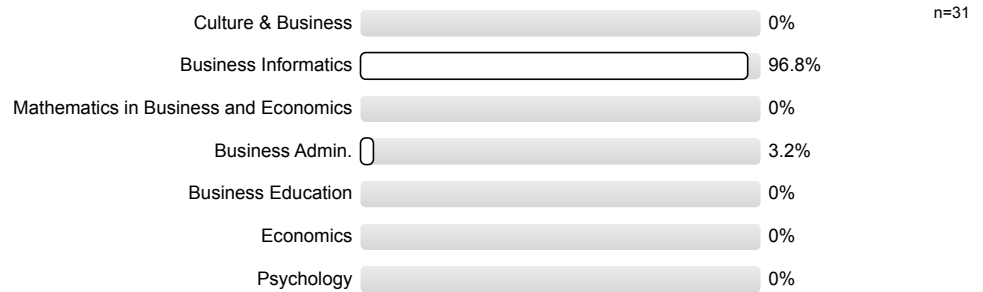
Legende

Frage**text**

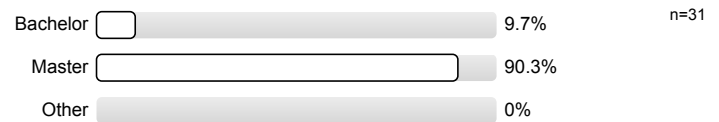


1. Personal Details

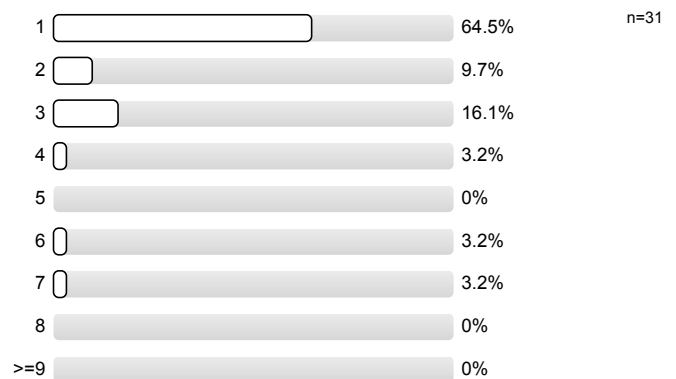
1.1) My program



1.2) My anticipated degree



1.3) My semester



1.4) My Gender

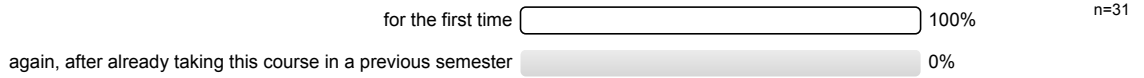


1.5) I am an international exchange student

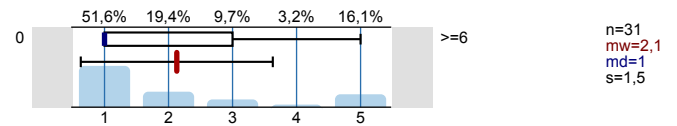


2. Details on your course attendance

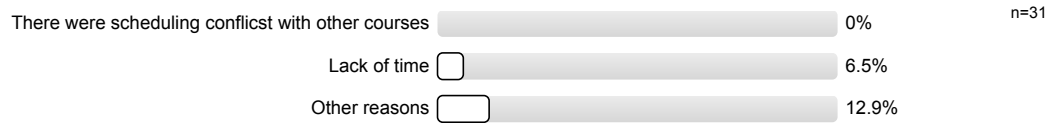
2.1) I am taking this course



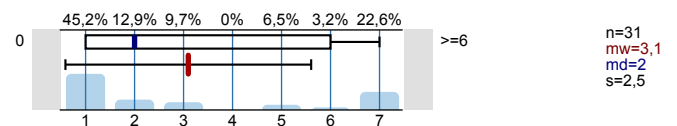
2.2) How regularly did you attend this lecture course – how often were you absent from class?



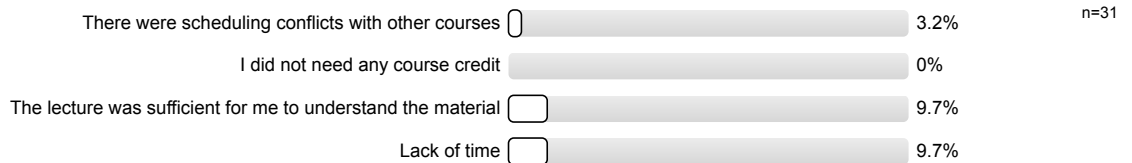
2.3) If you missed more than three classes, what were the reasons for your absence? (Multiple answers are possible)



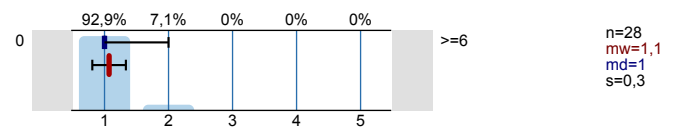
2.4) How regularly did you attend the tutorial for this lecture course – how often were you absent from the tutorial? Please leave blank if no accompanying lecture was offered.



2.5) 1. If you missed more than three classes, what was the main reason for your absences? (Multiple answers are possible)

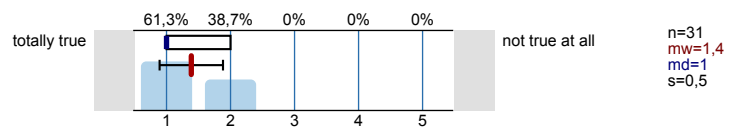


2.6) 1. How often was there a substitute teacher?

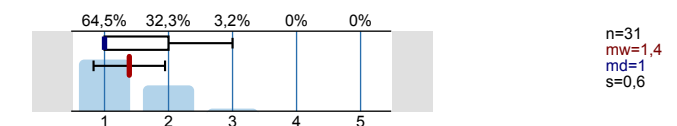


3. Evaluation of the course

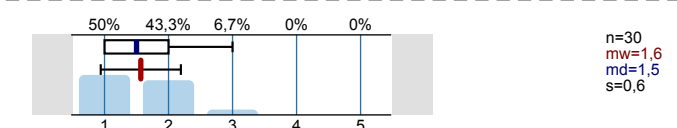
3.1) The instructor explained the educational goals of the course



3.2) A common theme could be perceived in the course.



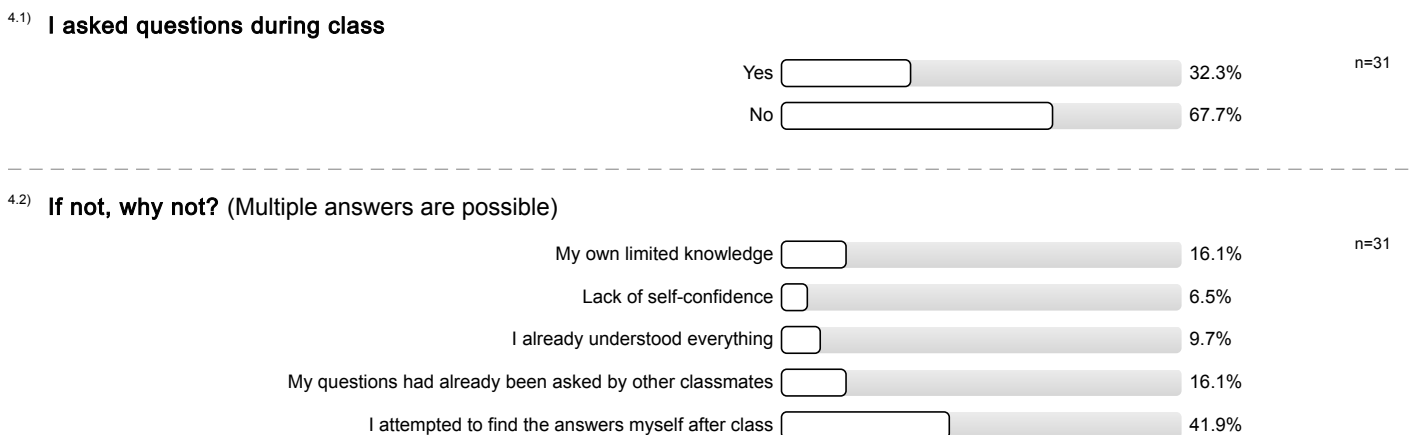
3.3) The course was well organized



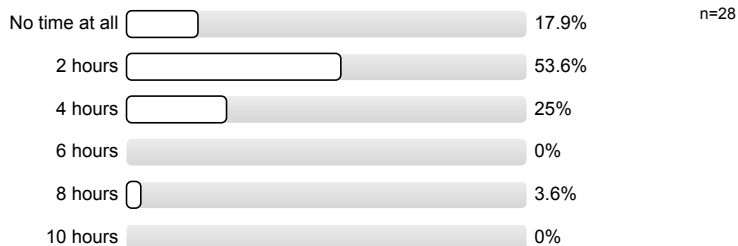
3.4)	The structure of the lecture helped me understand the subject matter		n=31 mw=1,5 md=2 s=0,5
3.5)	The pace of the course was appropriate		n=31 mw=1,9 md=2 s=0,9
3.6)	The lectures were clear and comprehensible		n=31 mw=1,7 md=2 s=0,7
3.7)	The course content was illustrated through the use of examples		n=31 mw=1,7 md=2 s=0,7
3.8)	Summaries and repetition helped me to remember the subject matter		n=30 mw=2 md=2 s=0,7
3.9)	There were opportunities to ask questions		n=31 mw=1,6 md=1 s=0,8
3.10)	The instructor made an effort to answer questions precisely		n=31 mw=1,7 md=2 s=0,7
3.11)	The instructor tried to make sure students understood the explanations		n=31 mw=1,8 md=2 s=0,7
3.12)	Information on the board/screen was legible		n=31 mw=1,6 md=2 s=0,7
3.13)	Information on the board/screen increased my understanding of the subject matter		n=31 mw=1,5 md=1 s=0,6
3.14)	The use of classroom technology (not including overhead/board) was helpful		n=30 mw=1,6 md=2 s=0,7
3.15)	Additional documents and downloads (i.e. copies, scripts, recordings) were helpful learning tools		n=31 mw=1,8 md=2 s=1
3.16)	The recommended literature was available		n=26 mw=1,6 md=2 s=0,6



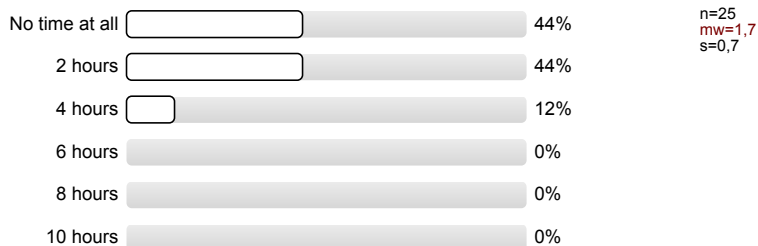
4. Evaluation of your own participation



4.3) What was the average **weekly amount of time you spent preparing for and reviewing after the lecture course** (not including class time, time in the discussion group/tutorial, or time devoted to completing worksheets)?

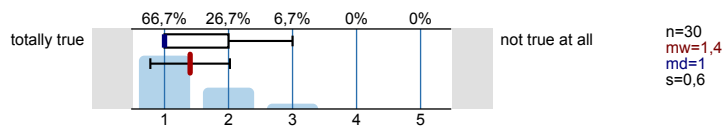


4.4) What was the average **weekly amount of time you spent completing worksheets** (not including class time and time in the discussion group/tutorial)?

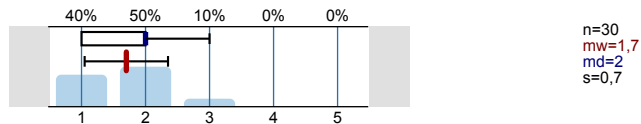


5. Overall evaluation of the course

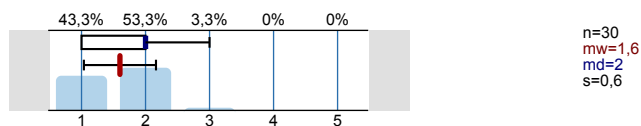
5.1) The lecture course **increased my subject matter knowledge**



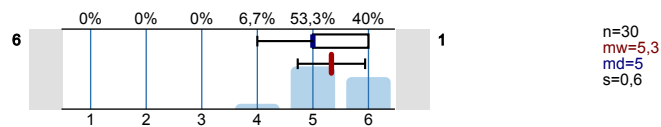
5.2) I **enjoyed attending** the lecture course



5.3) I **understood** the course content

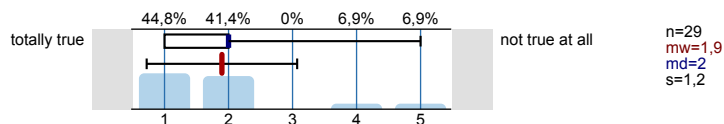


5.4) I would rate the lecture course **on a scale of 1** (very good) to 6 (very poor):

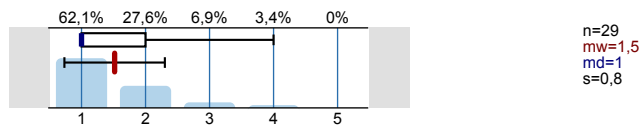


6. Evaluation of the classroom conditions and prerequisites

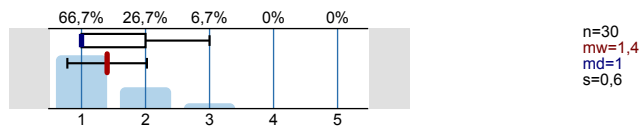
6.1) My **previous knowledge** was sufficient for mastering the course content



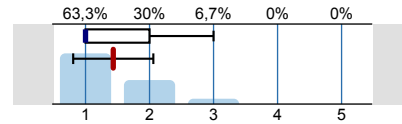
6.2) The **technical equipment** (overhead, board, projector, microphone) was ready for use when necessary



6.3) The **size of the room** was appropriate for the course

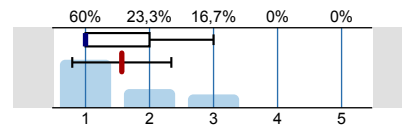


6.4) The **level of background noise** in the classroom was tolerable



n=30
mw=1,4
md=1
s=0,6

6.5) The **room fixtures** (chairs, tables, ventilation, light, etc.) were good



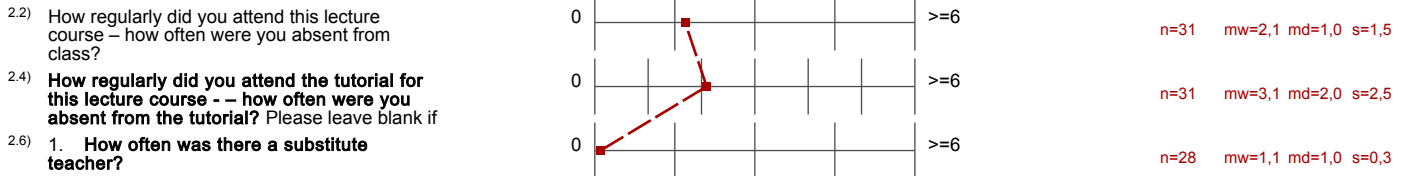
n=30
mw=1,6
md=1
s=0,8

Profillinie

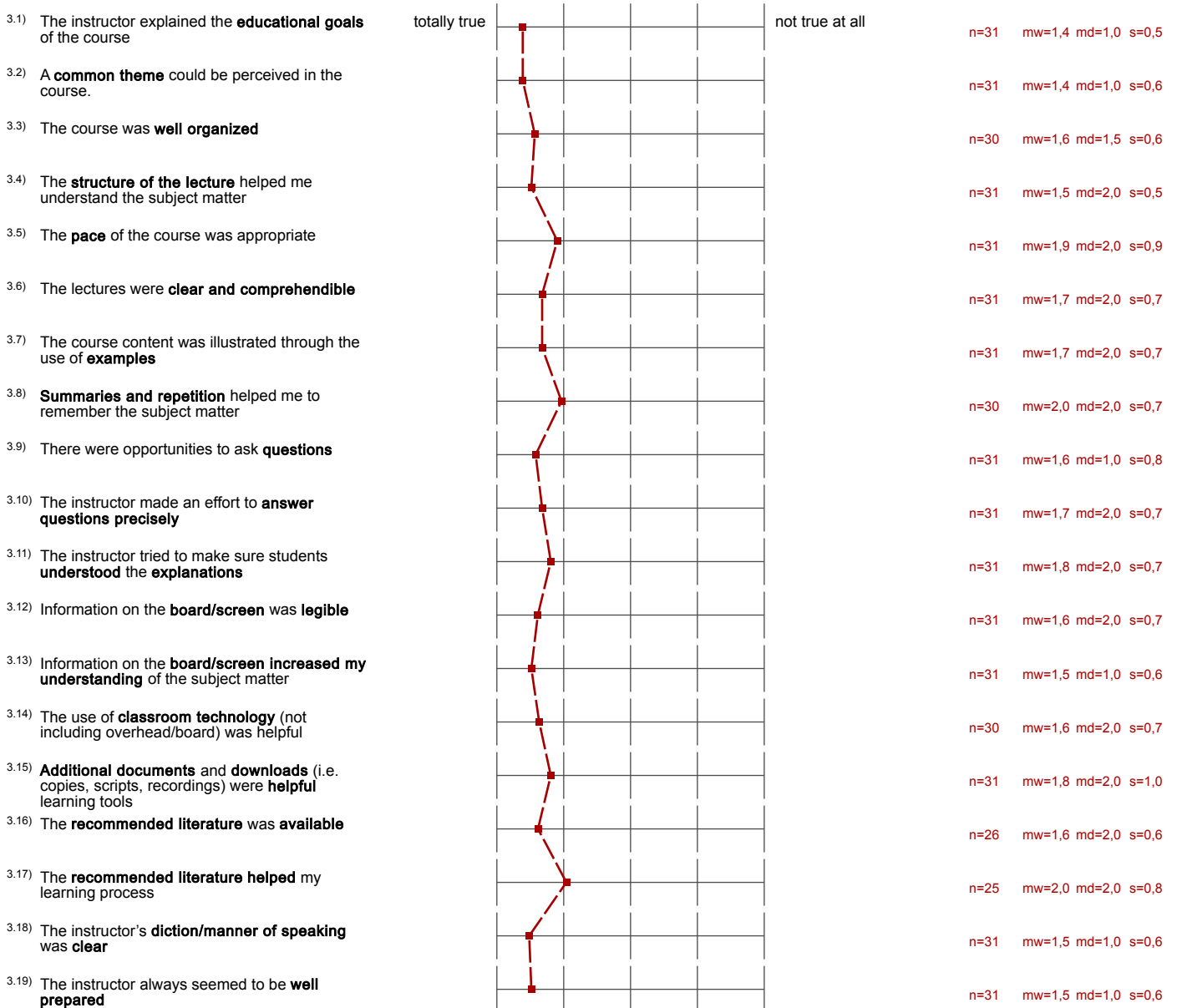
Teilbereich: Fakultät WIM
 Name der/des Lehrenden: PORTAL Fakultät WIM
 Titel der Lehrveranstaltung: Data Mining - Heiko Paulheim - Vorlesung
 (Name der Umfrage)

Verwendete Werte in der Profillinie: Mittelwert

2. Details on your course attendance



3. Evaluation of the course



3.20) I had the impression that the instructor truly enjoyed teaching		n=31 mw=1,6 md=2,0 s=0,7
3.21) The instructor was willing to tailor lessons to students' academic interests		n=29 mw=1,9 md=2,0 s=0,7
3.22) The lecture fostered my interest in the course content		n=31 mw=1,7 md=2,0 s=0,7
3.23) The connection to other courses was demonstrated		n=30 mw=1,9 md=2,0 s=0,9
3.24) The course topic was well integrated with other courses		n=29 mw=1,9 md=2,0 s=0,7
3.25) The relevance of the course to educational goals was made clear		n=31 mw=1,8 md=2,0 s=0,7
3.26) I feel that the course content was important for my future career		n=31 mw=1,8 md=2,0 s=0,7

5. Overall evaluation of the course

5.1) The lecture course increased my subject matter knowledge		n=30 mw=1,4 md=1,0 s=0,6
5.2) I enjoyed attending the lecture course		n=30 mw=1,7 md=2,0 s=0,7
5.3) I understood the course content		n=30 mw=1,6 md=2,0 s=0,6
5.4) I would rate the lecture course on a scale of 1 (very good) to 6 (very poor):		n=30 mw=5,3 md=5,0 s=0,6

6. Evaluation of the classroom conditions and prerequisites

6.1) My previous knowledge was sufficient for mastering the course content		n=29 mw=1,9 md=2,0 s=1,2
6.2) The technical equipment (overhead, board, projector, microphone) was ready for use when necessary		n=29 mw=1,5 md=1,0 s=0,8
6.3) The size of the room was appropriate for the course		n=30 mw=1,4 md=1,0 s=0,6
6.4) The level of background noise in the classroom was tolerable		n=30 mw=1,4 md=1,0 s=0,6
6.5) The room fixtures (chairs, tables, ventilation, light, etc.) were good		n=30 mw=1,6 md=1,0 s=0,8

Auswertungsteil der offenen Fragen

7. Your suggestions

7.1) In question 5.4, you rated the discussion group/tutorial. What was the the **main reason** for your score?

The course is very good. But the grouping is not so suitable especially for foreigners and freshmen. way for

Good course, but often the speed was too slow for me.

The ~~the~~ course should not only capture Rapidminer but also help understand the course content.
Clear slides, understadastic, future relevant

The lecture and tutorial portions of the course ~~was~~ contained enough information to ~~the~~ teach the topic. Tutorial could have been better explored. It was one of the essential courses for other courses & has many applications in practice.

good lecture, project work was fun and enabled to understand the content better

7.2) What did you like most during the course?

Team Project.

Practical exercises - use learned knowledge, what also helped understanding and remembering the themes.

The spectrum of covered algorithms.

The tutorials were fun and challenging but it was interesting that the person teaching the tutorial didn't go through examples step by step before doing the exercise.

The professor was well-prepared and ready to teach.
The project is very helpful to understand the concepts in practice.

Project was fun and helped for understanding the content of the lecture better.

offer to do feedback sessions with instructors to discuss project progress

7.3) What did you definitely not like during the course?

The time scheduled for presentations !!! during exams !!!

The way of grouping

the inconsistency of the slides (generalization error/error), different words for the same thing)

lots of ~~mis~~ miscommunication between students and professors. The professor seemed like he didn't care about the student learning process.

I'm not sure how important is to work with Rapidminer. I mean, it can't use in business tasks, in my opinion. maybe it was better to justify why it is better to use it instead of programming or other apps.

Sometimes algorithms are presented just by their basic idea.
→ Not clearly stated how to implement them.

7.4) What are your suggestions for improvement?

Slow down in the lecture ○

Don't use so much time for simple algorithms, and maybe you could get a bigger room for the lecture and more exercise slots so that everybody who wants can attend.

- no shortcoming time & date changes
- collect all presentations to protect presentations

/

ILLIAS as single source of content.

Professors and assistants need to start enjoying what they do and find happiness in their teaching abilities. They seem to distance themselves from the student as much as possible.

The project is very important. So the goal of doing is just understanding the importance of data mining application it is very helpful as it is now. But if the goal is to work with methods, instructor should emphasize on parameters.

• Maybe provide the option for a mid-term (forces students to recap in the beginning → they have the knowledge for the project too)

