

# PORTAL Fakultät WIM

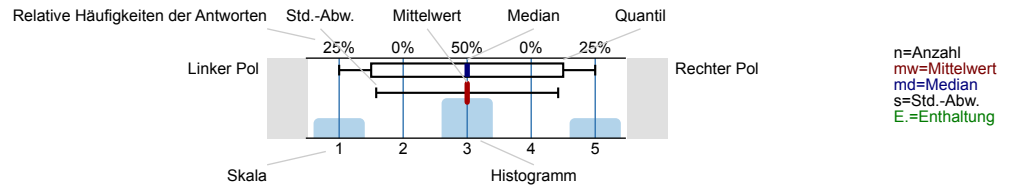
Data Mining I - Professor Christian Bizer - Vorlesung (36)  
Erfasste Fragebögen = 45



## Auswertungsteil der geschlossenen Fragen

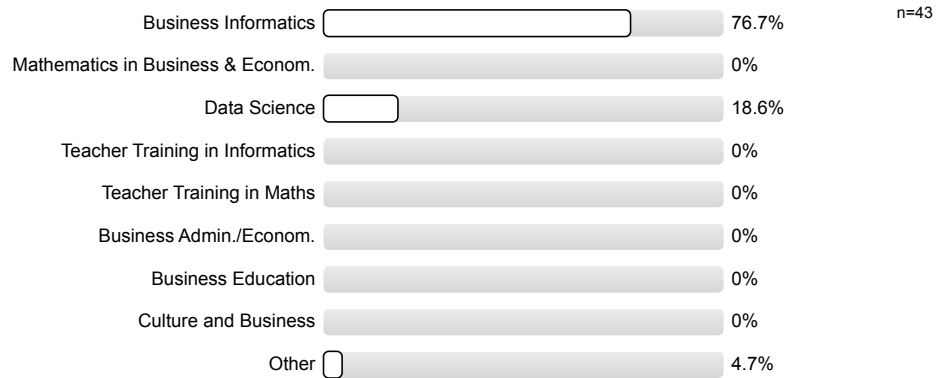
### Legende

Frage-  
text

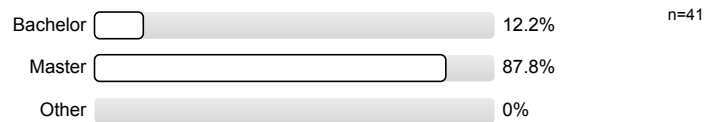


### 1. Personal Details

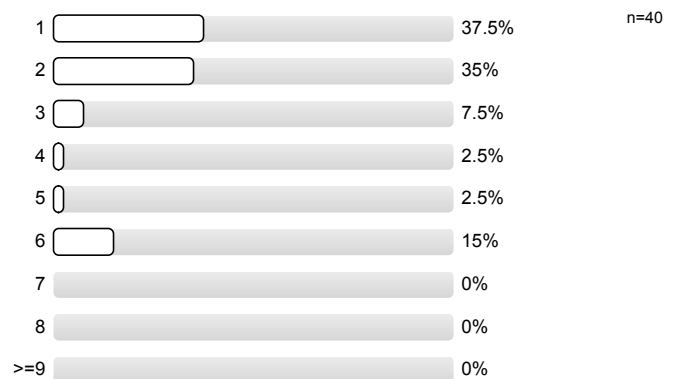
#### 1.1) My program



#### 1.2) My anticipated degree



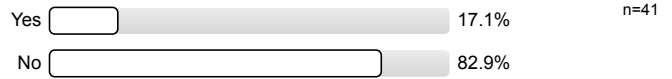
#### 1.3) My semester



#### 1.4) My Gender

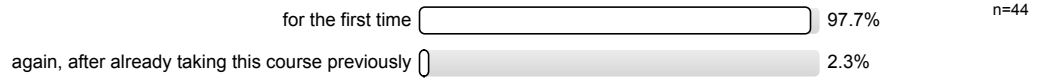


1.5) I am an international exchange student

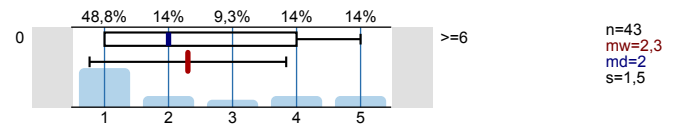


2. Details on your course attendance

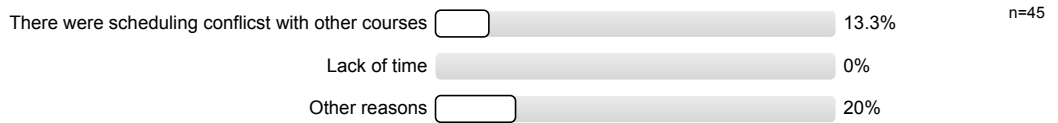
2.1) I am taking this course



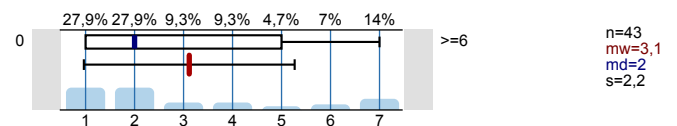
2.2) How regularly did you attend this lecture course – how often were you absent from class?



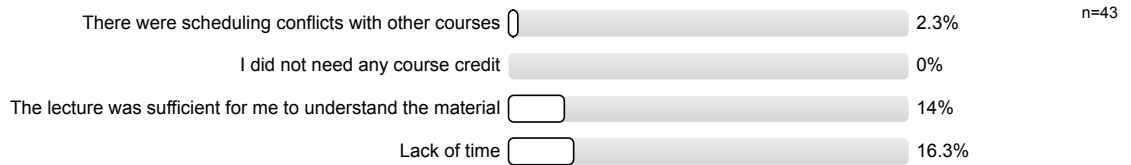
2.3) If you missed more than three classes, what were the reasons for your absence? (Multiple answers are possible)



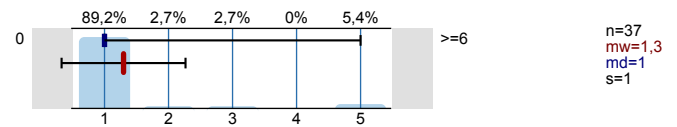
2.4) How regularly did you attend the tutorial for this lecture course – how often were you absent from the tutorial? Please leave blank if no accompanying lecture was offered.



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

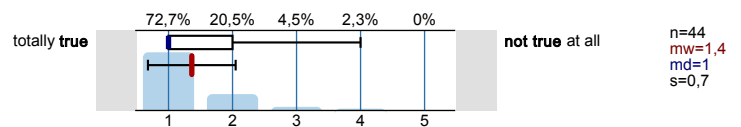


2.6) 1. How often was there a substitute teacher?

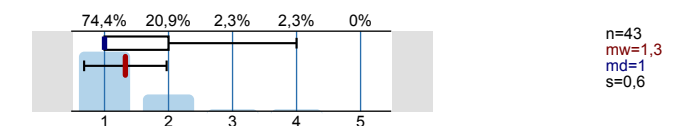


3. Evaluation of the course

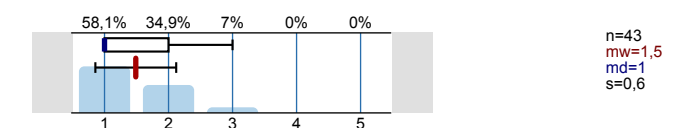
3.1) The instructor explained the educational goals of the course



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



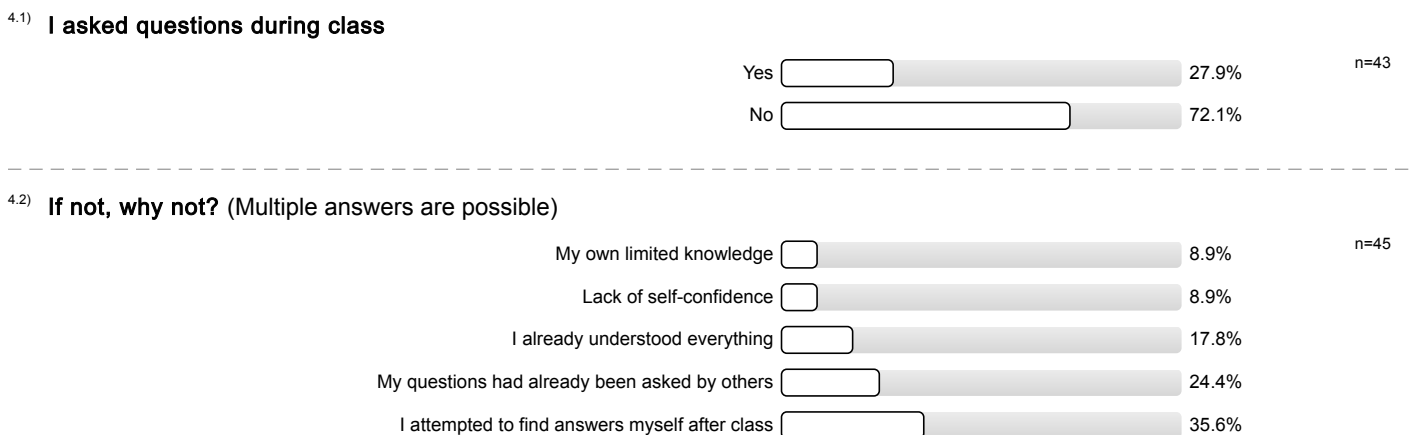
3.3) The course was well organized



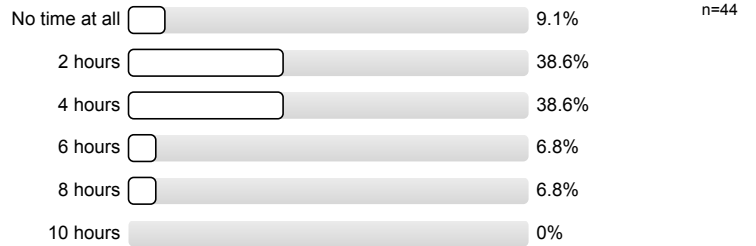
3.4)	The <b>structure of the lecture</b> helped me understand the subject matter		n=43 mw=1,6 md=1 s=0,8
3.5)	The <b>pace</b> of the course was appropriate		n=43 mw=1,5 md=1 s=0,6
3.6)	The lectures were <b>clear and comprehensible</b>		n=43 mw=1,5 md=1 s=0,8
3.7)	The course content was illustrated through the use of <b>examples</b>		n=43 mw=1,4 md=1 s=0,9
3.8)	<b>Summaries and repetition</b> helped me to remember the subject matter		n=44 mw=1,8 md=2 s=0,9
3.9)	There were opportunities to ask <b>questions</b>		n=44 mw=1,2 md=1 s=0,4
3.10)	The instructor made an effort to <b>answer questions precisely</b>		n=43 mw=1,3 md=1 s=0,6
3.11)	The instructor tried to make sure students <b>understood the explanations</b>		n=44 mw=1,5 md=1 s=0,7
3.12)	Information on the <b>board/screen</b> was <b>legible</b>		n=44 mw=1,3 md=1 s=0,6
3.13)	Information on the <b>board/screen</b> increased my <b>understanding</b> of the subject matter		n=44 mw=1,5 md=1 s=0,6
3.14)	The use of <b>classroom technology</b> (not including overhead/board) was helpful		n=43 mw=1,3 md=1 s=0,5
3.15)	<b>Additional documents and downloads</b> (i.e. copies, scripts, recordings) were <b>helpful</b> learning tools		n=42 mw=1,5 md=1 s=0,6
3.16)	The <b>recommended literature</b> was available		n=40 mw=1,7 md=1 s=0,8



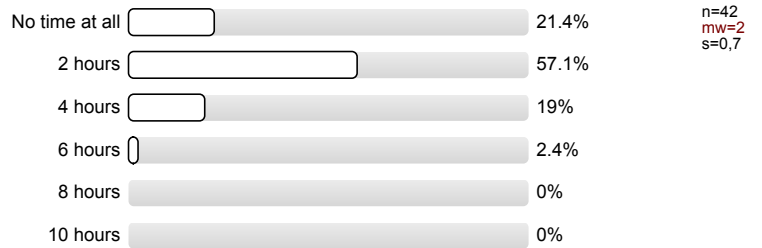
#### 4. Evaluation of your own participation



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)?

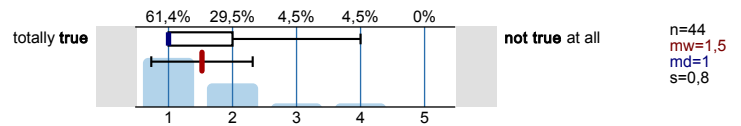


4.4) What was the average **weekly amount of time you spent completing worksheets** (not including class time and time in the discussion group/tutorial)?

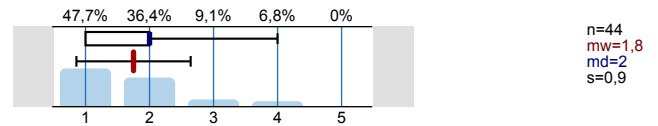


### 5. Overall evaluation of the course

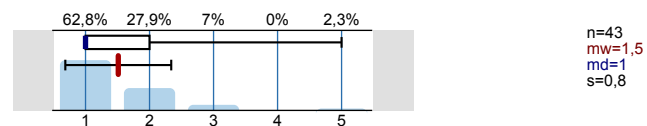
5.1) The lecture course **increased my subject matter knowledge**



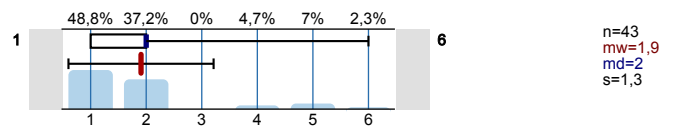
5.2) I **enjoyed attending** the lecture course



5.3) I **understood** the course content

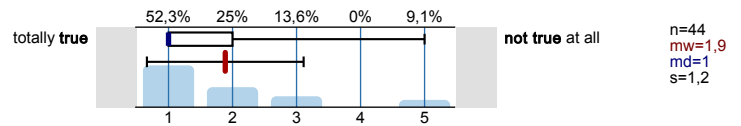


5.4) I would rate the lecture course **on a scale of 1** (very good) to 6 (very poor):

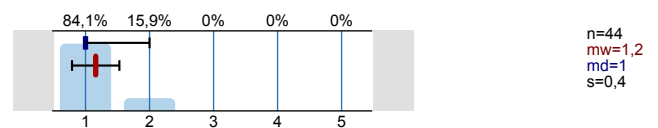


### 6. Evaluation of the classroom conditions and prerequisites

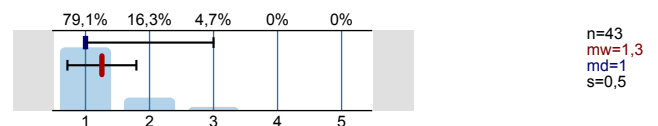
6.1) My **previous knowledge** was sufficient for mastering the course content



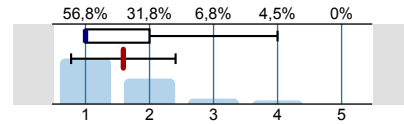
6.2) The **technical equipment** (overhead, board, projector, microphone) was ready for use when necessary



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

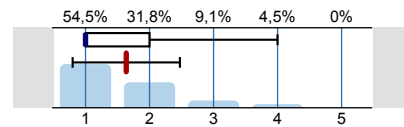


6.4) The **level of background noise** in the classroom was tolerable



n=44  
mw=1,6  
md=1  
s=0,8

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



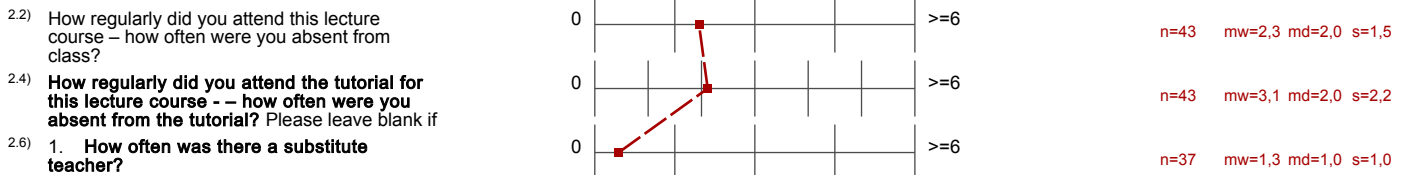
n=44  
mw=1,6  
md=1  
s=0,8

# Profillinie

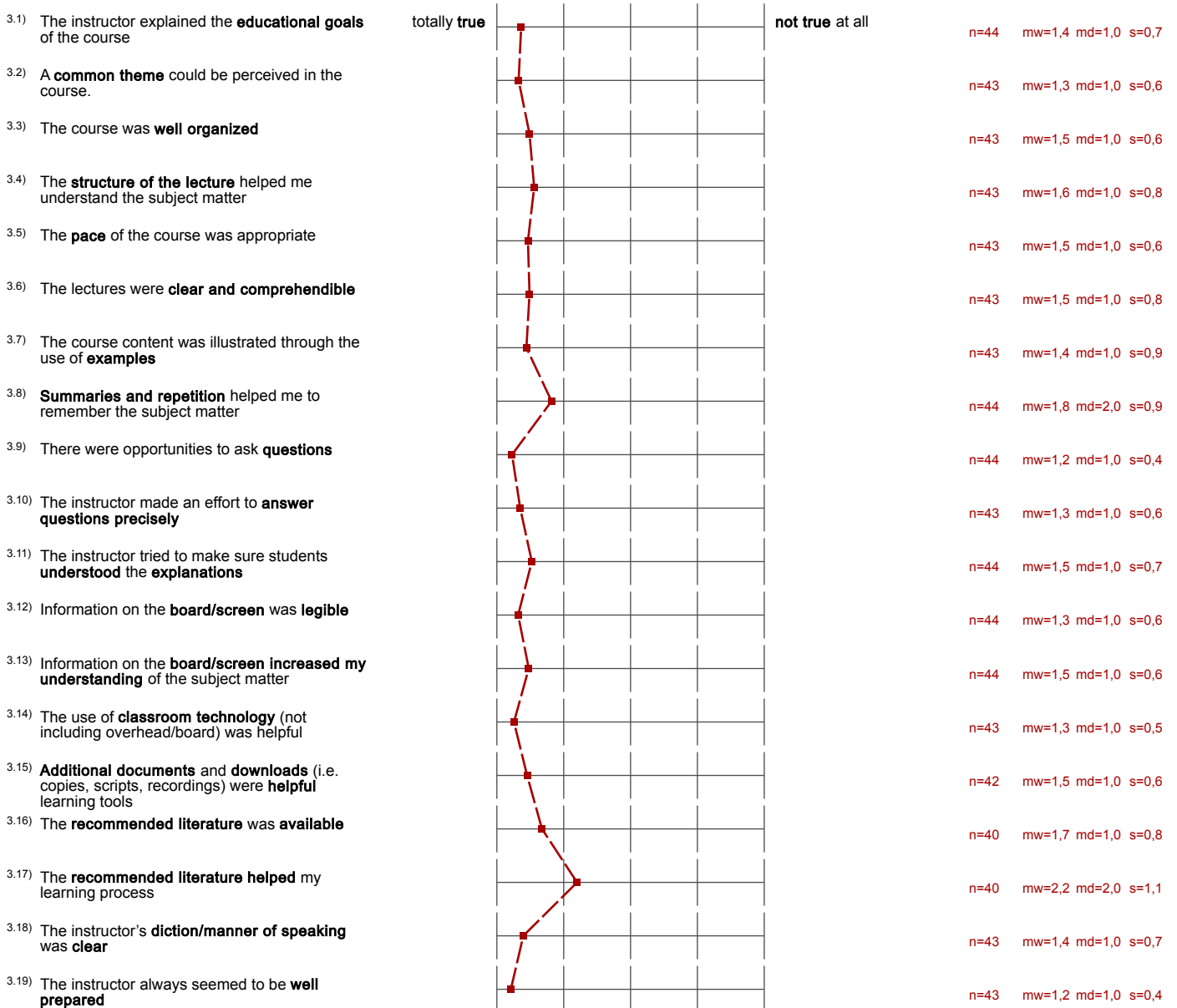
Teilbereich: Fakultät WIM  
 Name der/des Lehrenden: PORTAL Fakultät WIM  
 Titel der Lehrveranstaltung: Data Mining I - Professor Christian Bizer - Vorlesung  
 (Name der Umfrage)

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 <b>truly enjoyed teaching</b>		n=42 mw=1,3 md=1,0 s=0,6
3.21) The <b>instructor</b> was <b>willing</b> to tailor lessons to students' academic interests		n=42 mw=1,7 md=2,0 s=0,9
3.22) The lecture <b>fostered my interest</b> in the course content		n=43 mw=1,8 md=1,0 s=1,0
3.23) The <b>connection to other courses</b> was demonstrated		n=43 mw=1,7 md=1,0 s=0,9
3.24) The course topic was <b>well integrated with other courses</b>		n=42 mw=1,7 md=1,5 s=0,8
3.25) The <b>relevance</b> of the course to <b>educational goals</b> was made clear		n=43 mw=1,6 md=1,0 s=0,8
3.26) I feel that the course content was <b>important for my future career</b>		n=43 mw=1,9 md=2,0 s=0,9

5. Overall evaluation of the course

5.1) The lecture course <b>increased my subject matter knowledge</b>	totally true	not true at all	n=44 mw=1,5 md=1,0 s=0,8
5.2) I <b>enjoyed attending</b> the lecture course			n=44 mw=1,8 md=2,0 s=0,9
5.3) I <b>understood</b> the course content			n=43 mw=1,5 md=1,0 s=0,8
5.4) I would rate the lecture course on a <b>scale</b> of 1 (very good) to 6 (very poor):	1  6		n=43 mw=1,9 md=2,0 s=1,3

6. Evaluation of the classroom conditions and prerequisites

6.1) My <b>previous knowledge</b> was sufficient for mastering the course content	totally true	not true at all	n=44 mw=1,9 md=1,0 s=1,2
6.2) The <b>technical equipment</b> (overhead, board, projector, microphone) was ready for use when necessary			n=44 mw=1,2 md=1,0 s=0,4
6.3) The <b>size of the room</b> was appropriate for the course			n=43 mw=1,3 md=1,0 s=0,5
6.4) The <b>level of background noise</b> in the classroom was tolerable			n=44 mw=1,6 md=1,0 s=0,8
6.5) The <b>room fixtures</b> (chairs, tables, ventilation, light, etc.) were good			n=44 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?

Instructor preparation, way he explained the lectures

Class was interesting.

It was organized in a good way, and you can get the answer for any misunderstanding

The instructor/tutor explained clearly and made the tutorial interesting.

The instructors explain the content very clearly

personal interest in conjunction with good teaching

- high focus on practise of knowledge explained in the lecture
- explaining clear

- good explanations
- good examples
- good slides

Everything was not so complicated and clear.

- \* Good lecturer making the topic interesting
- \* Project

kind professor, good slides, comprehensible content of class

Good explanations, interesting topics, good instructor

good slides, good explanations by Prof. Tizer

BYB 3.25/3.26

I liked the structure of the lecture (first half of semester) as well as the project (second half)

easy to listen to Prof. Bizer - included some nice jokes

The lecturers were always well-prepared and willing to answer any questions.

- coverage of machine learning algorithms were too shallow
- half the course was spent "working on the project", but it could have been used to go more in-depth into the algorithms, in terms of formulae, actual implementation, and finetuning algorithms
- tool of choice: RapidMiner, is simply inadequate, for understanding, implementation, finetuning, deepening knowledge

7.2) What did you like most during the course?

Group project

Professor is really good and his manner of teaching is perfect

New datamining technologies and tutorials.

It's very ~~pract~~ interesting and useful

lectures

Lectures

- the lecture

The professor's way of explaining  
+ Video lectures available

I liked the professor's attitude towards the content. It motivated me to increase my knowledge on the topic. The slides were never too complex, easy to follow.

rich knowledge I can get through class.

The practicality and applicability of the methods

That there were a lot of examples for methods and algorithms

I liked the course content and the way professors made things quite clear through explaining.

was the best course  
thanks for prof  
high knowledge and less stress in comparison other courses

• that there was a project segment (but it could have been better used)

7.3) What did you not like during the course?

The training sessions for the project were not very helpful. Their answers were vague.

Exercises were sometimes too long to finish in 7.30 hrs

It's difficult to cope with project without help from others (previous attendees of subject)

nothing

~~the~~ exercises not finished in tutorials - upload of sheets too late.

- Tutorials were too short (sometimes)
- coaching session should be longer than 10 min!
- felt a little bit lost in the project

The literature given in the end of slides was ~~not a~~ just a repetition of the slides, not much new

We had to make a cookbook for our research, by ~~the~~ <sup>or more</sup> understandable.

None

The tutorial was very separated from the team projects, had ~~nothing~~ no real connection

There was not enough literature in the "Lehrbuchsammlung"

Coaching session of the project - coaches did not seem to be prepared due to the questions

There's nothing I didn't like about the course.

- see answers for Q7.1, in addition, not enough application examples on really large datasets. for tutorials

7.4) What are your **suggestions** for improvement?

Be more friendly to the students; and more willing to answer their questions.

Do exercises also in the lecture (by hand)

Assistants should be more friendly with students

- Offer exercises based on e.g. Python, rather than Rapid Miner as it is more flexible
- Please provide scan of Ch. 5 of the Tan, Steinbach book as well

incl. ROC Curves  
↳ Explanation

Nothing

Some more details about relevant content about exam.  
(precisely boundary of slides, --- simply too much content)

- coaching session longer
- give an example project to see what is required

Teach how to use all tools for dm,  
specially Python and other programming systems.  
It's more useful ~~no~~ for future job.

Asistent may be more helpful during the projects. And time span for coaching sessions were short, 10 min is not enough.

more knowledge about data mining.

Nothing bad at the lecture at all!

Finish the projects a bit more clearly

Maybe smaller classes with fewer students (in the lecture).

There should be mandatory homeworks, which should be individual. The structure of the course does not induce enough effort on students' part, which makes the group projects quite unfair.

- use real statistical software e.g. R, python, which are what future employers look for.
- go deep into mechanics/formulas of algorithms.