myExperience Report

Semester 2, 2017

Faculty: Faculty of Science

School: Sch Mathematics & Statistics

Course: MATH5836 Data Mining (Course Lecture LEC1 4777)

Evaluation period: Oct 9 2017 12:00AM - Nov 2 2017 12:00AM

Course Report

Response Data

Raters	Student
Responded	14
Invited	48
Response Ratio	29.2%

Response Reliability Assessment

With 14 responses from a survey population of 48 the data presented in this report is considered to be **Sufficient**
Number of responses needed to be considered sufficient: 14
Number of responses needed to be considered good: 30

Comparison of results for "Overall I was satisfied with the quality of the course"
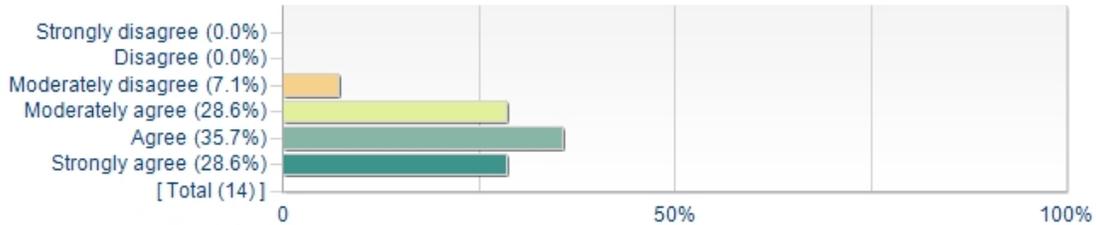**This course: MATH5836 Data Mining (Course Lecture LEC1 4777)**

Statistics	Value
Mean	4.86
% Agreement	92.9%

Sch Mathematics & Statistics

Statistics	Value
Mean	4.80
% Agreement	90.6%

Faculty of Science

Statistics	Value
Mean	4.82
% Agreement	91.0%

Overall I was satisfied with the quality of the course

Strongly disagree (0.0%)
Disagree (0.0%)
Moderately disagree (7.1%)
Moderately agree (28.6%)
Agree (35.7%)
Strongly agree (28.6%)
[Total (14)]

Statistics	Value
Mean	4.86
% Agreement	92.9%

1. I felt part of a learning community

Strongly disagree (0.0%)
Disagree (7.1%)
Moderately disagree (14.3%)
Moderately agree (14.3%)
Agree (50.0%)
Strongly Agree (14.3%)
[Total (14)]
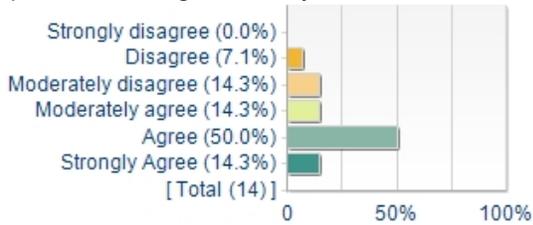
Statistics	Value
Mean	4.50
% Agreement	78.6%

2. The feedback helped me learn

Strongly disagree (0.0%)
Disagree (0.0%)
Moderately disagree (21.4%)
Moderately agree (14.3%)
Agree (64.3%)
Strongly Agree (0.0%)
[Total (14)]
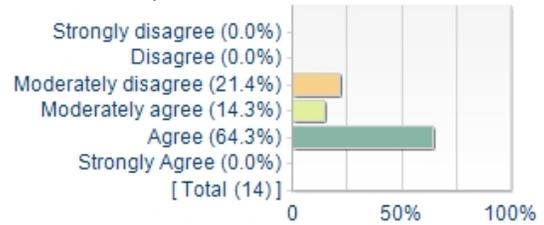
Statistics	Value
Mean	4.43
% Agreement	78.6%

3. The digital resources helped me learn

Strongly disagree (0.0%)
Disagree (0.0%)
Moderately disagree (7.1%)
Moderately agree (42.9%)
Agree (28.6%)
Strongly Agree (21.4%)
[Total (14)]
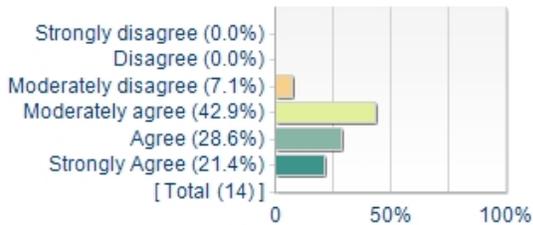
Statistics	Value
Mean	4.64
% Agreement	92.9%

4. The assessment tasks were appropriate

Strongly disagree (0.0%)
Disagree (0.0%)
Moderately disagree (14.3%)
Moderately agree (35.7%)
Agree (35.7%)
Strongly Agree (14.3%)
[Total (14)]
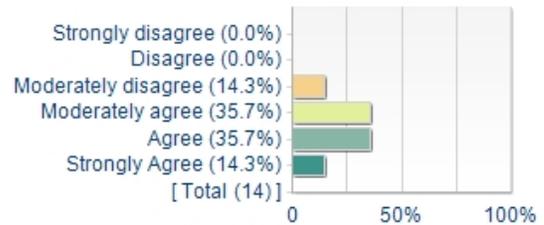
Statistics	Value
Mean	4.50
% Agreement	85.7%

5. The amount of assessment was appropriate

Strongly disagree (0.0%)
Disagree (0.0%)
Moderately disagree (7.1%)
Moderately agree (28.6%)
Agree (50.0%)
Strongly Agree (14.3%)
[Total (14)]
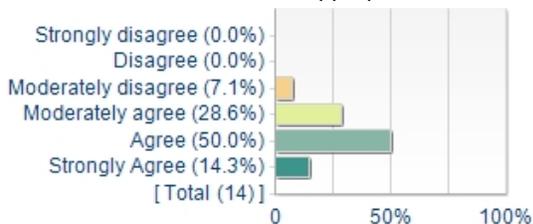
Statistics	Value
Mean	4.71
% Agreement	92.9%

6. Overall I was satisfied with the quality of the teaching

Strongly disagree (0.0%)
Disagree (0.0%)
Moderately disagree (7.1%)
Moderately agree (28.6%)
Agree (50.0%)
Strongly Agree (14.3%)
[Total (14)]
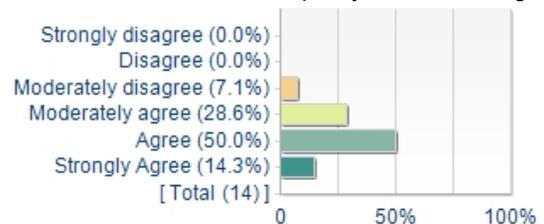
Statistics	Value
Mean	4.71
% Agreement	92.9%

Raw Comment Data

What were the best things about this course?

Comments
Consultation
All of the material presented in this course was relevant and interesting. The lecturer spent more time discussing required background where required, but moved onto the more advanced topics quickly. I was sceptical about the group assessment at first, but it was actually a good experience and helped introduce me to other students in the class. Working on the group assignment was a useful learning experience.
The lecture notes are clear.
Lectures were very engaging and informative.
This lecturer was very enthusiastic (and knowledgeable) about machine learning. He completely rewrote the notes, included an extra week 13 lecture to cover remaining material. I quote "chapter 11 in the textbook does not describe the back–propagation idea very well, so I have written a more detailed derivation of this algorithm using simpler and more intuitive notation. I hope you enjoy reading it as much as I enjoyed writing it". He answered all questions posed to him promptly, and was flexible with requests and suggestions. He cares about his students a lot, and was very approachable, had a good style and managed the class well.
The lighting in the theatre made it difficult to see the board at times.
The text, as ascendant as it is, suffers from being a book of questions rather than answers. The material is very challenging, as where the assignments. I have a palpable fear of the exam. Not being able to take notes in is disturbing. I can't think of what I can do in only 2 hours.
Suggest changing the course title to "Data Mining – Theory" as there wasn't a lot of "Business Applications". That being said the material was worthwhile. I think the subject needs to be split into two. It had a lot of interest at the start, and a huge attrition rate. Including some very capable students.   Assuming I survive the exam this course was very interesting, with a first class lecturer.
This course helps us dive relatively deep to machine learning algorithm. More importantly, it provide a guidance on student's future research in this field. The depth of the knowledge is appropriate for Math students and it basically covers all essential algorithms and knowledge for machine learning. A lot of alternative approach to arrive some concepts and algorithms were introduced in this course which was quite different from what we can find in the internet.
I don't know.
Interesting subject matter.
Really enjoyed the theoretical content of the course, along with the many chances to participate in class.

What could be improved?

Comments
I think we concentrate on the proof too much. Data mining should be an applied course.And the contents of the proofs are too difficult
the words in screen in lecture is to small. Therefore, It was hard to follow what professor said.
I think some class tutorials with questions and answers along the way would be useful to reinforce learning and prepare for exams.
All good.
Providing answers to assignment questions after we hand back the assignment. Also providing past exam papers.
There was too much very difficult material.
More tutorials to help understand thoroughly the materials will be appreciated.
It is really difficult and can not follow the professor's step. So hard to learn.
Calling the course 'Data Mining and it's Business Applications' is probably slightly misleading. 'The Theory of Data Mining' would be more appropriate.
I felt there could have been more content on business applications, as that is in the course title. I feel like that would have been a good way to cement the theoretical material learnt. On top of this, having solutions to the assignment questions would have been a good way to correct people's mistakes.