

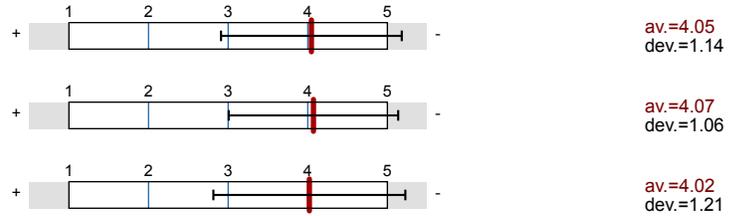


Overall indicators

Global Index

2. Instructor Evaluation

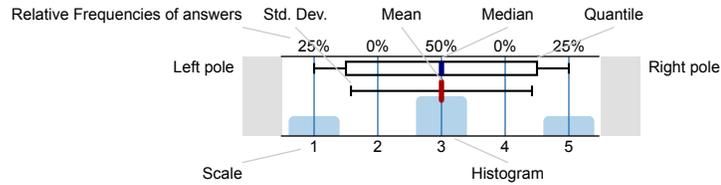
3. Course Evaluation



Survey Results

Legend

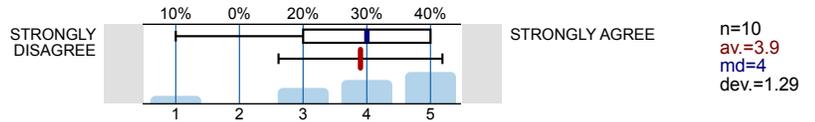
Question text



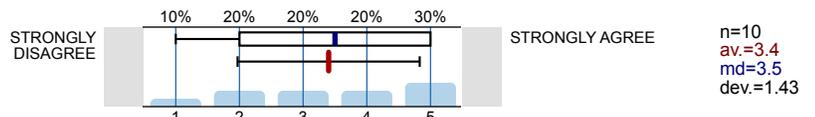
n=No. of responses
 av.=Mean
 md=Median
 dev.=Std. Dev.
 ab.=Abstention

2. Instructor Evaluation

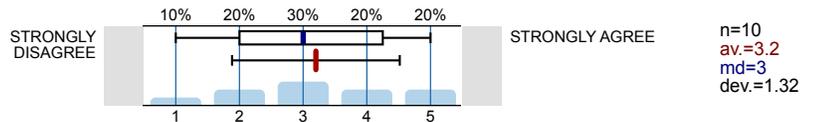
2.1) Instructor created an environment that was conducive to learning.



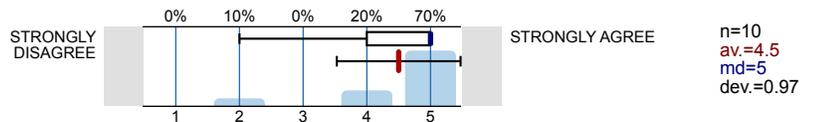
2.2) Instructor gave clear explanations.



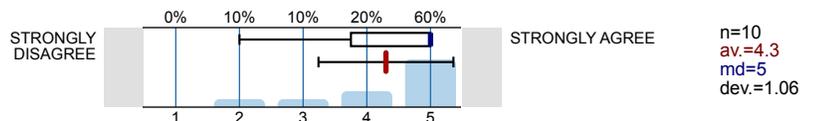
2.3) Instructor used helpful examples and illustrations.



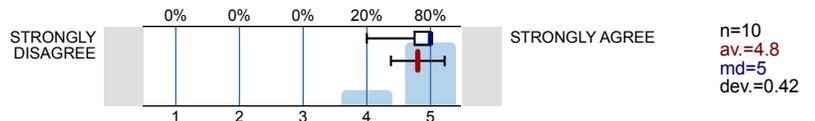
2.4) Instructor consistently followed grading criteria.



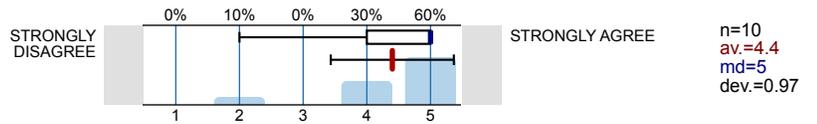
2.5) Instructor provided useful feedback.



2.6) Instructor provided timely feedback.

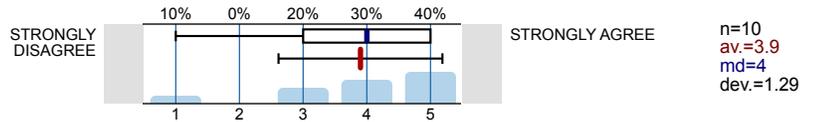


2.7) Instructor made herself or himself available for assistance outside of class.

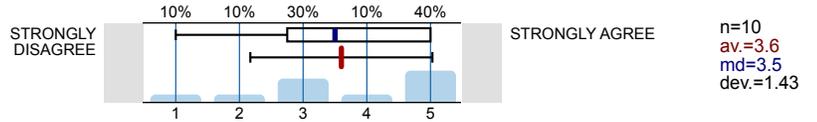


3. Course Evaluation

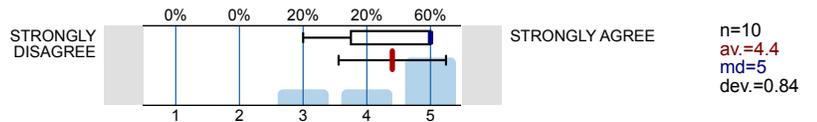
3.1) Outside class activities (readings, assignments, homework, problem sets, etc.) helped me to understand the subject.



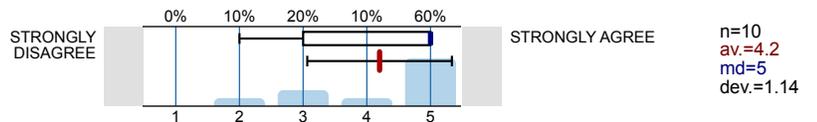
3.2) In-class activities (lecture, discussion, handouts, group-work, etc.) contributed to my understanding of the subject.



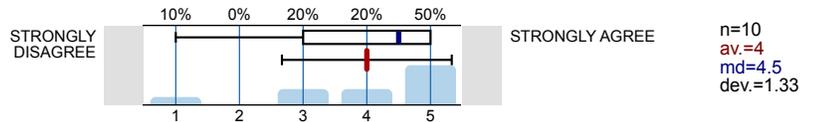
3.3) This course challenged me intellectually.



3.4) Course grading criteria were communicated clearly.

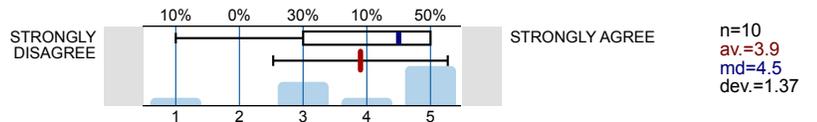


3.5) Course objectives were met.

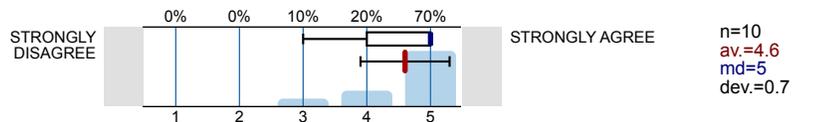


4. Additional Questions

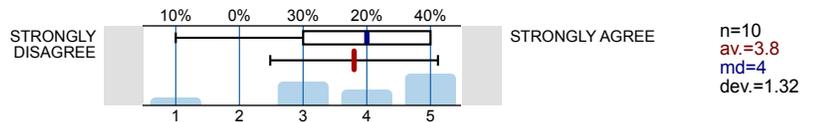
4.1) Instructor encouraged participation.



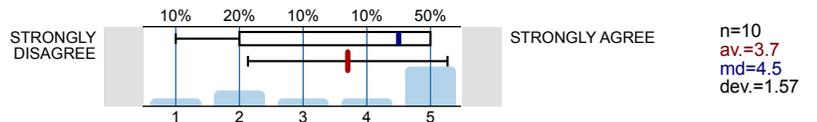
4.2) Instructor was respectful to students.



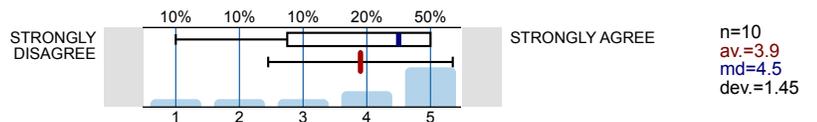
4.3) Examinations were a good test of my knowledge.



4.4) Overall, considering its content, design and structure, this course was excellent.



4.5) Instructor was an effective teacher.



Comments Report

5. Open Response

^{5.1)} What do you consider to be the greatest **STRENGTH** of the **INSTRUCTOR**?

- Always available for help, encouraged questions to be asked in the group chat so everyone had access.
- Dr. Mohlenkamp was a great help when I asked questions.
- He is very helpful and gives useful feedback outside of class on questions related to our weekly group projects. He responds quickly to emails and messages on Microsoft TEAMS and structures the course topics in a logical order according to the difficulties of each subject. I also like how he demonstrates each mathematical principle using CoCalc before having us research it.
- Professor Mohlenkamp is always available and willing to help.
- The problems were clearly defined and solvable.
- The website with the weekly tasks was very organized and made it easy to know when everything was due.

5.2) What do you consider to be the greatest **WEAKNESS** of the **INSTRUCTOR**? Suggestions for improvement?

- Explain actions about topics that I did not understand were not very clear
- N/A
- Some of the instructions for the projects he assigned were a bit vague or ambiguous. However, he generally clarified what he meant when we asked him via TEAMS or email, and most of his instructions were straightforward. Other than improving some of the instructions on the course website, I can't think of anything else that needs to be improved upon.
- The asynchronous nature of the class was more like an online certification than a college course.

5.3) What do you consider to be the greatest **STRENGTH** of the **COURSE**? (texts, content, etc.)?

- I feel like I actually learned a lot about Python and specific numerical methods from this course.
- I really liked being able to use Python on CoCalc to demonstrate mathematical principles, and using LaTeX within the same program to prove mathematically why they were correct. I also liked the fact that we were able to choose our own final projects instead of taking midterms or final exams.
- The course design is excellent. Objectives are clear and the topics are arranged in an understandable manner.
- The objectives each week were clearly outlined.
- The website with the weekly tasks.
- The weekly assignments allowed us to work on them at our own pace, and around our schedules.

5.4) What do you consider to be the greatest **WEAKNESS** of the **COURSE**? Suggestions for improvement?

- It being 100% online
- It was online. Boo COVID. This made the class difficult as the course was mainly centered around collaborative work. The problem is that not many people were ever available to work together. We did work separately, or often times I did the work by myself with little help. Definitely made the course frustrating and required a lot time that I feel took away from other studies.
- It would have been very helpful if we had some form of lecture notes on the subjects we were working with. The wikipedia sources were filled with useful information, but it was always a struggle trying to interpret the information and use it effectively.
- The asynchronous, online nature of the course was lacking. There were no lectures and the materials were often Wikipedia articles. It was fine to learn with more effort than usual, but you expect this type of learning from an online certification, not a university course.
- There is minimal guidance on the topics covered. Reading materials are usually from Wikipedia. There is almost zero guidance on Python programming and the students need to figure it out themselves.
- This course was completely asynchronous, and I have not had a face to face conversation with either my instructor or many of my peers. I see this as more of a problem caused by the pandemic, however, and not part of the course itself. In the future, if this course were to become remote again, it might be a good idea to make the course synchronous and to allow for more interaction between the professor and students outside of just the group work. It would also be nice if we had an online book.