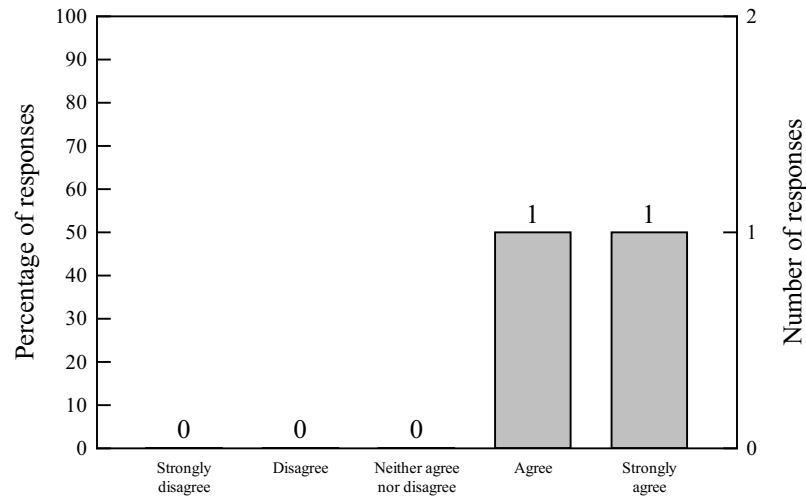


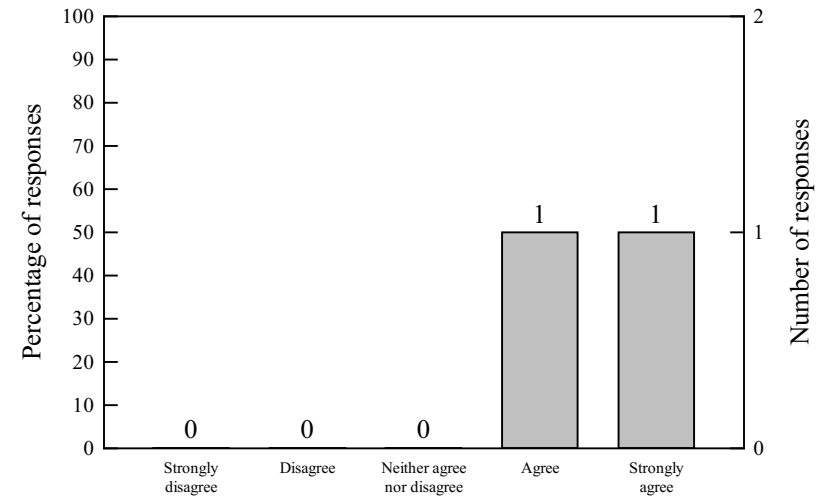
CSCI 0451B: Machine Learning [Spring 2023]

Chodrow, Philip

Number of response forms completed: 2, of 23 total students enrolled

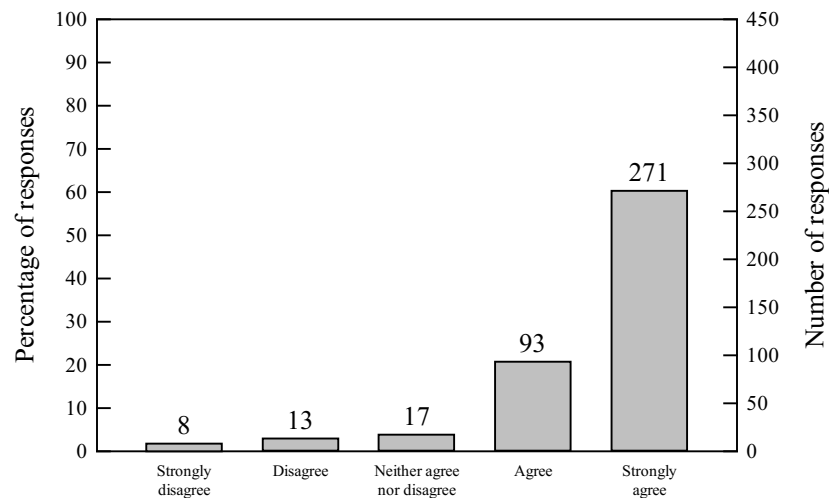


I learned a great deal in this course

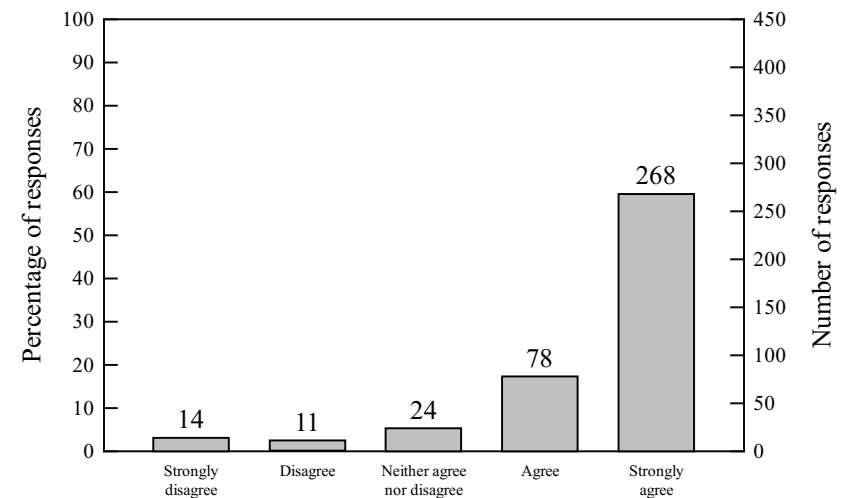


The instructor's teaching in this course was effective

Aggregate of all courses in Spring 2023 (All Staff)



I learned a great deal in this course



The instructor's teaching in this course was effective

LEARNING: What have you learned from this course? Consider how the course deepened your critical or analytical abilities, factual knowledge, understanding of concepts, creativity, communication skills, and ability to pursue further work in the subject. Give concrete examples.

I learned so much in this class, from the basics of machine learning to correctly implementing them in code. This class introduced me to a completely new area and really inspired me and taught me enough for me to keep learning by myself. This class definitely improved my factual knowledge, my programming skills, and my critical thinking.

COURSE CONTENT & FORMAT: How did the various components of the course contribute to your learning? Consider, as appropriate, lectures, readings, writing assignments, problem sets, films, labs, drills, studio work, debates, discussions, presentations, field work, or group work. Be specific.

The content and format was perfect. The professor really put a lot of effort on the course. It is really well-organized and the lecture notes are particularly helpful. The blog posts were really enjoyable to work on and provided us a lot of space to be creative and convey our learning.

COURSE CHOICE: Why did you take this course? Was it an elective or taken to satisfy a requirement? Is it in your major?

Because it is an elective for my major and because I am interested in it.

YOUR PARTICIPATION: How would you assess your own performance in the course? Approximately how many hours per week outside of class did you work? Estimate the percentage of classes that you attended.

I think I did really well on the class. Towards the end I felt I was a little less engaged but overall I felt I was really active in the course. I worked around 10 hours a week outside of class time.

Strongly agrees with “I learned a great deal in this course.”	<input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/> <input checked="" type="checkbox"/>
--	---

INSTRUCTION: How effective was the instructor in explaining new concepts, in facilitating the development of skills, in raising issues for discussion, and in enabling you to understand the course material and its significance? Provide examples.

The professor was amazing at explaining new concepts. I really enjoyed his lecture style and the fact that we had a warm-up activity at the beginning of every class. It made it feel like the class had an organized structure. The professor was amazing at bringing and raising issues for discussion. He once made some barplots showing the discrepancies among those individuals identified as male or female regarding self-confidence on the performance on the course.

ASSESSMENT: Did test/paper assignments and/or projects provide you adequate opportunity to convey the learning expected in the course? Were standards of evaluation clear?

Yes, the blog posts and the project provided us with the perfect opportunity to convey our learning. Even though it was an ungraded class, the standards of evaluation were always clear.

CONCLUDING REMARKS: What comments would you make about maintaining or changing the course content and/or the instructor’s methods of teaching? Comment on any aspects of the course, modes of teaching, or impact on your education that are not covered by the preceding questions.

Strongly agrees with “The instructor’s teaching in this course was effective.”	<input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/> <input checked="" type="checkbox"/>
---	---

LEARNING: What have you learned from this course? Consider how the course deepened your critical or analytical abilities, factual knowledge, understanding of concepts, creativity, communication skills, and ability to pursue further work in the subject. Give concrete examples.

In this course, I learned about the fundamentals of machine learning. Through blog posts, I learned how to explain these concepts to a wider audience and techniques in how to assess and experiment with them. This course has also taught me more about social responsibility and ethics in machine learning and being more mindful of how they are violated in this field.

COURSE CONTENT & FORMAT: How did the various components of the course contribute to your learning? Consider, as appropriate, lectures, readings, writing assignments, problem sets, films, labs, drills, studio work, debates, discussions, presentations, field work, or group work. Be specific.

This course consisted of homework readings, warm-up problems, blog posts that explored experimentation, implementation, and social responsibility, and a final project.

The readings provided me with background information useful for creating the warm ups. Completing the warm ups provided me with the opportunity to more actively engage with the readings and communicate my findings with my warm up groupmates. The blog posts provided me with the opportunity to dig deeper into concepts and frameworks discussed in class. Our final project provided me with the freedom to explore something I found interesting in the field.

COURSE CHOICE: Why did you take this course? Was it an elective or taken to satisfy a requirement? Is it in your major?

I took this course because I'm a computer science major and think machine learning is relevant today.

YOUR PARTICIPATION: How would you assess your own performance in the course? Approximately how many hours per week outside of class did you work? Estimate the percentage of classes that you attended.

I would assess my performance as very adequate. I spent around 11 hours per week on work outside of class and attended every single class.

Agrees with "I learned a great deal in this course."

□ □ □ ■ □

INSTRUCTION: How effective was the instructor in explaining new concepts, in facilitating the development of skills, in raising issues for discussion, and in enabling you to understand the course material and its significance? Provide examples.

I think that Phil was an effective instructor in explaining new concepts, facilitating the development of skills, raising issues for discussion, and in enabling me to understand the course material and its significance. While I may not have understood everything explained in class, after attending office hours where I was able to ask all different questions, I always left with a greater understanding than when I arrived. Our conversations around ethics, bias, inclusivity and social responsibility were also some of the most memorable. These conversations always felt genuine and Professor Chodrow always took the opportunity to discuss it. It was really cool when he inspected the mid course reflection grade assessments and tied it back to inclusivity in the field of computing.

ASSESSMENT: Did test/paper assignments and/or projects provide you adequate opportunity to convey the learning expected in the course? Were standards of evaluation clear?

This course primarily consisted of warm ups, reflections, blog posts, and a final project and provided me with adequate opportunity to convey the learning expected in the course. I think that the warm ups and reflections were very clear. Since the blog posts and final projects can vary greatly, I think that sometimes the standards of evaluation were unclear, but necessary components were clear.

CONCLUDING REMARKS: What comments would you make about maintaining or changing the course content and/or the instructor's methods of teaching? Comment on any aspects of the course, modes of teaching, or impact on your education that are not covered by the preceding questions.

Overall, while this course was a lot of work, it was super rewarding. I learned so much not just about the technical concepts in machine learning and how they're connected, but also about the social responsibility concerns around them as well.

Professor Phil Chodrow is one of the most passionate, enthusiastic, and organized professors I've ever had. He was very effective at communicating changes in the schedule and upcoming announcements. For his first time teaching a Machine Learning course at Middlebury, I think that it was well executed.

Agrees with "The instructor's teaching in this course was effective."

□ □ □ ■ □