

Project Title: **Spring 2022 Evaluations**

Courses Audience: **275**
Responses Received: **161**
Response Ratio: **58.55%**

Subject Details

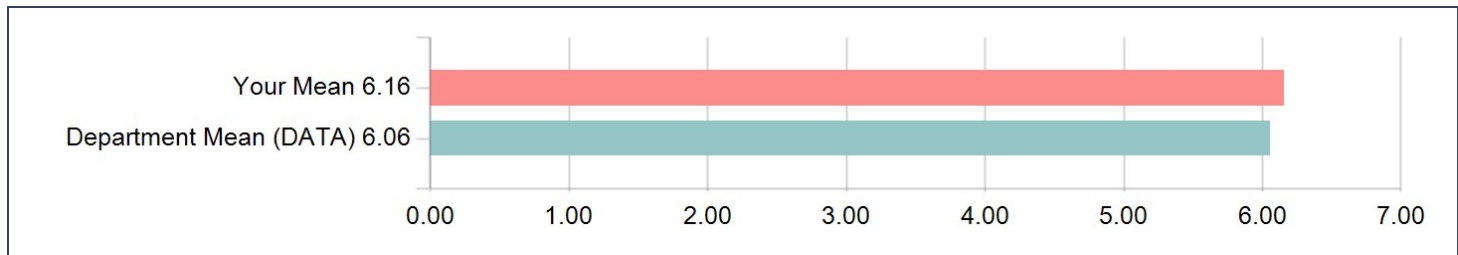
Name	DATA C102 LEC 001 DATA INF DEC (EVAL FOR GSI)
DEPT_NAME	DATA
DEPT_FORM	DATA
EVALUATION_TYPE	G
First Name	Isaac
Last Name	Schmidt

FOR YOUR INFORMATION: Please note that "Department Mean" for each rating question is calculated using all sections in your department. This may include both Faculty and GSIs depending on whether the department has selected a question item to be used for both.

UNIVERSITY WIDE QUESTIONS (QUANTITATIVE/RATING):

The items in this section are asked across all courses at Berkeley.

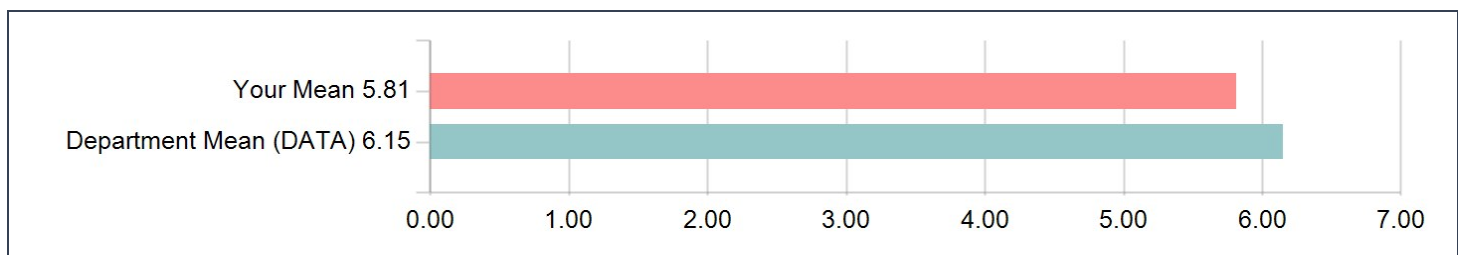
Considering both the limitations and possibilities of the subject matter and the course, how would you rate the overall effectiveness of this graduate student instructor?



Considering both the limitations and possibilities of the subject matter and the course, how would you rate the overall effectiveness of this graduate student instructor?

Options	Count	Percentage
1-Not at all Effective	1	1.00%
2	1	1.00%
3	2	2.00%
4-Moderately Effective	8	8.00%
5	9	9.00%
6	23	23.00%
7-Extremely Effective	56	56.00%
Statistics	Value	
Response Count	100	
Mean	6.16	
Median	7.00	
Standard Deviation	1.24	

Considering both the limitations and possibilities of the subject matter and the course, how would you rate the overall effectiveness of this course?



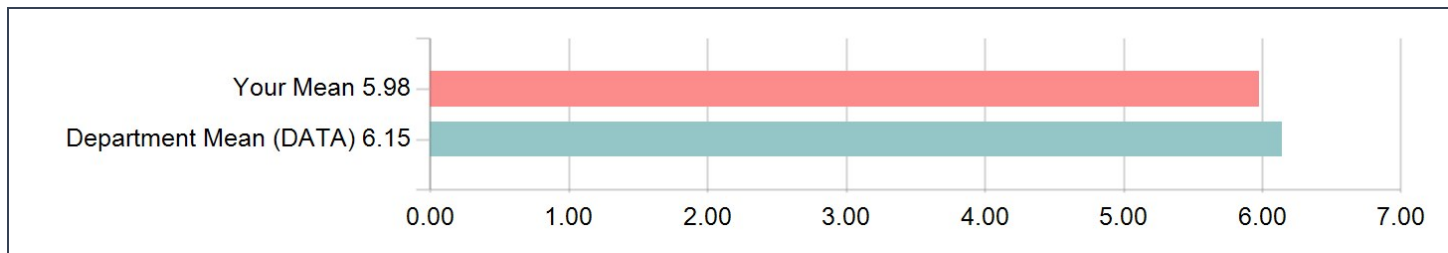
Considering both the limitations and possibilities of the subject matter and the course, how would you rate the overall effectiveness of this course?

Options	Count	Percentage
1-Not at all Effective	1	0.72%
2	0	0.00%
3	1	0.72%
4-Moderately Effective	20	14.49%
5	30	21.74%
6	34	24.64%
7-Extremely Effective	52	37.68%
Statistics	Value	
Response Count	138	
Mean	5.81	
Median	6.00	
Standard Deviation	1.18	

DEPARTMENT PROVIDED INSTRUCTOR QUESTIONS:

Items in this section were selected by DATA for inclusion on this evaluation.

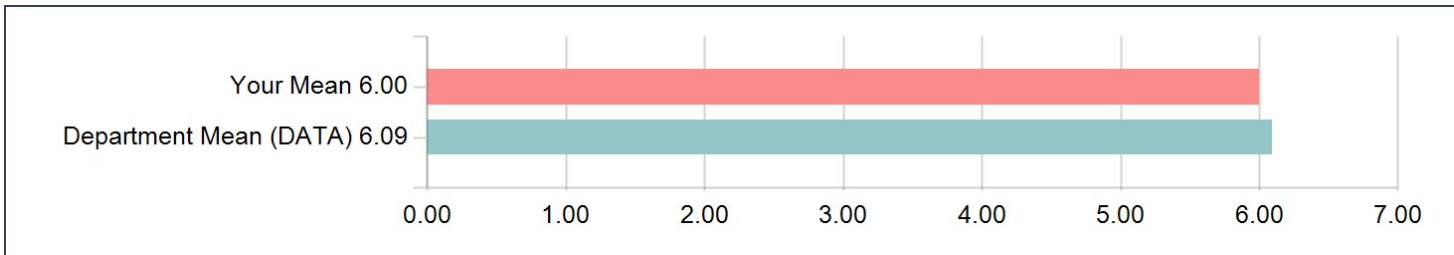
The instructor presented content in an organized manner.



The instructor presented content in an organized manner.

Options	Count	Percentage
1-Strongly disagree	1	0.98%
2	0	0.00%
3-Somewhat disagree	5	4.90%
4	8	7.84%
5-Somewhat agree	14	13.73%
6	26	25.49%
7-Strongly agree	48	47.06%
Statistics	Value	
Response Count	102	
Mean	5.98	
Median	6.00	
Standard Deviation	1.27	

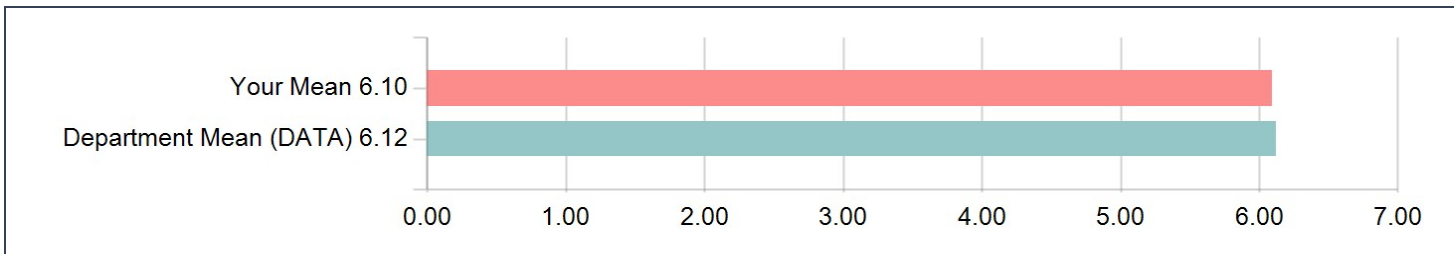
The instructor developed my abilities and skills for the subject.



The instructor developed my abilities and skills for the subject.

Options	Count	Percentage
1-Strongly disagree	1	0.97%
2	1	0.97%
3-Somewhat disagree	1	0.97%
4	10	9.71%
5-Somewhat agree	17	16.50%
6	24	23.30%
7-Strongly agree	49	47.57%
Statistics	Value	
Response Count	103	
Mean	6.00	
Median	6.00	
Standard Deviation	1.24	

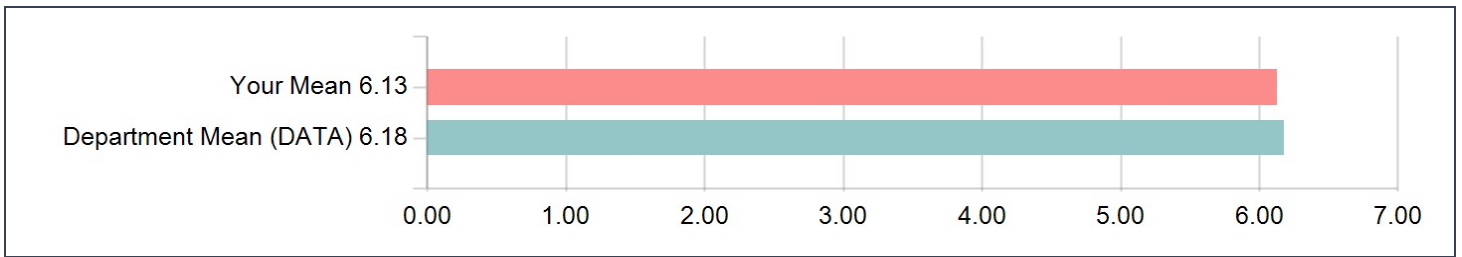
The instructor explained concepts clearly.



The instructor explained concepts clearly.

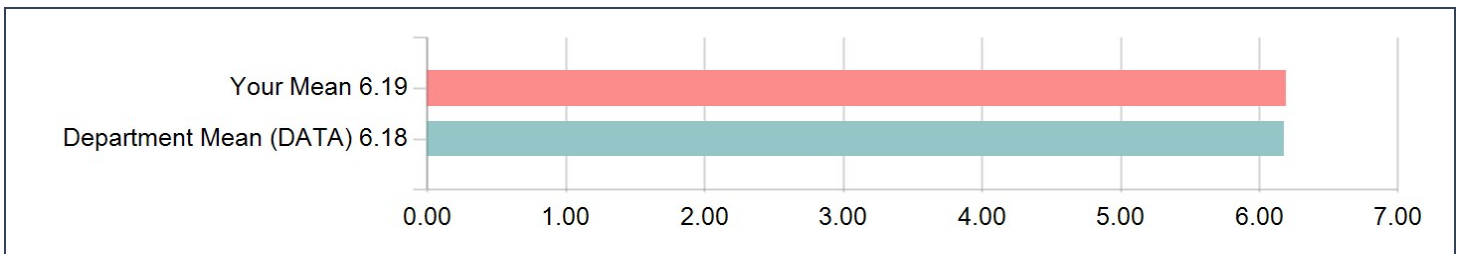
Options	Count	Percentage
1-Strongly disagree	1	0.96%
2	2	1.92%
3-Somewhat disagree	1	0.96%
4	12	11.54%
5-Somewhat agree	7	6.73%
6	24	23.08%
7-Strongly agree	57	54.81%
Statistics	Value	
Response Count	104	
Mean	6.10	
Median	7.00	
Standard Deviation	1.31	

The instructor encouraged student questions.



The instructor encouraged student questions.		
Options	Count	Percentage
1-Strongly disagree	1	0.97%
2	1	0.97%
3-Somewhat disagree	1	0.97%
4	6	5.83%
5-Somewhat agree	18	17.48%
6	21	20.39%
7-Strongly agree	55	53.40%
Statistics	Value	
Response Count	103	
Mean	6.13	
Median	7.00	
Standard Deviation	1.19	

I would recommend this instructor to others.



I would recommend this instructor to others.		
Options	Count	Percentage
1-Strongly disagree	1	0.96%
2	1	0.96%
3-Somewhat disagree	1	0.96%
4	10	9.62%
5-Somewhat agree	9	8.65%
6	21	20.19%
7-Strongly agree	61	58.65%
Statistics	Value	
Response Count	104	
Mean	6.19	
Median	7.00	
Standard Deviation	1.23	

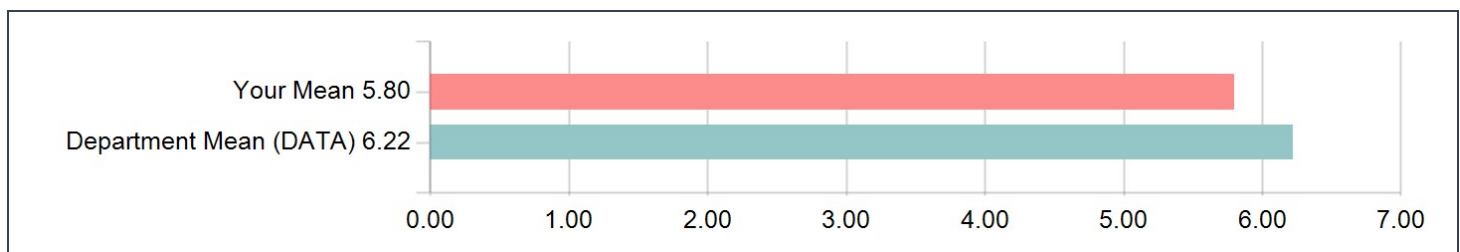
What do you think are the strengths of this instructor?

Comments
He's best overall.
Great explanations
I love Isaac! I've had him for Data 100 and he is very effective as an instructor.
I did not
Very thorough walkthroughs for labs and exams.
n/a
Always a solid GSI explains things concisely and clearly
Use of real world examples
approachable and personable
Incredibly organized, kind, and attentive.
He presents content in a very understandable manner. He is humble and practical. I really liked his way of teaching.
Issac was very clear in communicating the concepts and material for this class. He went at a pace that was easy to follow and encouraged feedback from classmates throughout the semester.
Is very educated on the subject, but can sometimes be intimidating to talk to and condescending.
Issac was very helpful, responded consistently and explained mistakes well
Issac is super helpful and responsive!
Responds quickly and willing to help at all times
very helpful in OH
He was very responsive and how he delivered the materials was clear and easy to understand.
Work in the domain
responsible and highly knowledgable gsi
Issac is a great guy and he was also very friendly and supportive when it came down to helping us out with homeworks and etc.
inspiring, informative
Isaac is very knowledgeable. Really appreciate his teaching since our data100 days
So helpful in answering Ed questions
Isaac is so proactive with helping students and giving clear instructions, while being approachable to students.
He explained things really well
N/A
This instructor does a good job of leading students to an answer by giving them the tools to find it themselves rather than simply revealing the answer. My experience comes from lab and piazza.

DEPARTMENT PROVIDED COURSE QUESTIONS:

Items in this section were selected by DATA for inclusion on this evaluation.

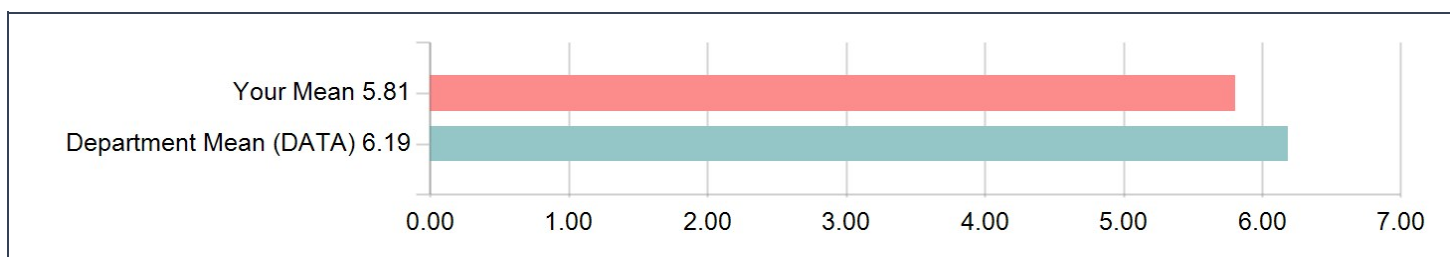
The course was effectively organized.



The course was effectively organized.

Options	Count	Percentage
1-Strongly disagree	3	2.04%
2	1	0.68%
3-Somewhat disagree	4	2.72%
4	11	7.48%
5-Somewhat agree	33	22.45%
6	38	25.85%
7-Strongly agree	57	38.78%
Statistics	Value	
Response Count	147	
Mean	5.80	
Median	6.00	
Standard Deviation	1.32	

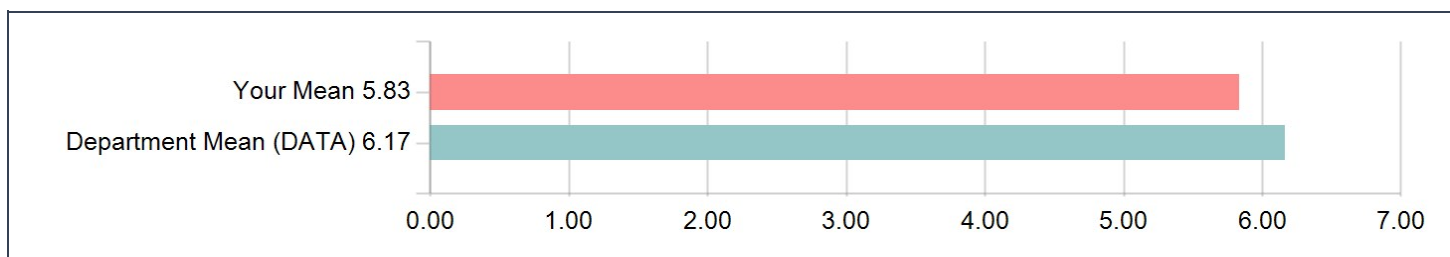
The course developed my abilities and skills for the subject.



The course developed my abilities and skills for the subject.

Options	Count	Percentage
1-Strongly disagree	2	1.38%
2	1	0.69%
3-Somewhat disagree	2	1.38%
4	16	11.03%
5-Somewhat agree	34	23.45%
6	32	22.07%
7-Strongly agree	58	40.00%
Statistics	Value	
Response Count	145	
Mean	5.81	
Median	6.00	
Standard Deviation	1.28	

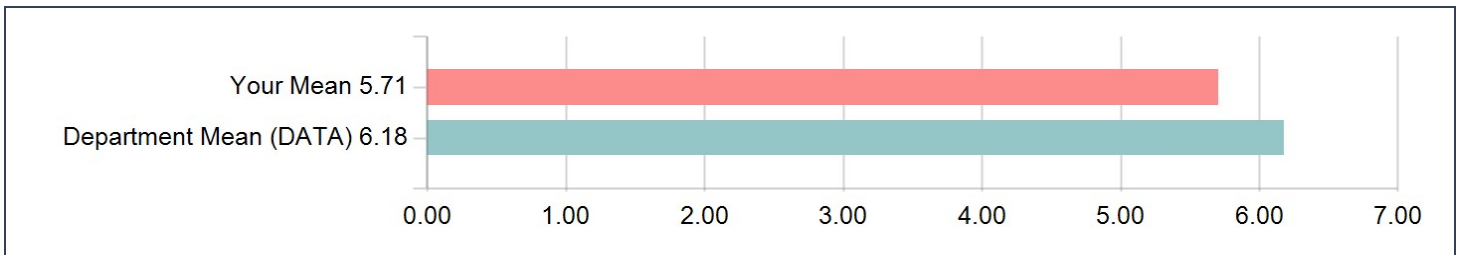
The course developed my ability to think critically about the subject.



The course developed my ability to think critically about the subject.

Options	Count	Percentage
1-Strongly disagree	1	0.70%
2	1	0.70%
3-Somewhat disagree	4	2.80%
4	15	10.49%
5-Somewhat agree	32	22.38%
6	31	21.68%
7-Strongly agree	59	41.26%
Statistics	Value	
Response Count	143	
Mean	5.83	
Median	6.00	
Standard Deviation	1.26	

I would recommend this course to others.



I would recommend this course to others.

Options	Count	Percentage
1-Strongly disagree	4	2.84%
2	2	1.42%
3-Somewhat disagree	5	3.55%
4	16	11.35%
5-Somewhat agree	23	16.31%
6	34	24.11%
7-Strongly agree	57	40.43%
Statistics	Value	
Response Count	141	
Mean	5.71	
Median	6.00	
Standard Deviation	1.49	

What did you like about the course?

Comments
I thought this course was well done. The materials are interesting and applicable.
Teaches you a lot while also challenging. Material is difficult but the support within the class from staff is amazing
It did a great job explaining fundamental concepts that may be overlooked in other data science courses (what is Bayesian vs frequentist modelling? why do statistical formulas include controls sometimes?) while also covering advanced material. Also appreciated the grace period on assignments.
Really enjoyed the labs! I liked how we were always working w a real-world dataset in them.
I felt like I was able to further learn about the different things I can do with the skills I have learned in the past four years.
Intellectually stimulating content delivered effectively, lenient deadlines, personable professors, reasonable workload, flexible. Overall, a great course!
n/a
I loved the lecture and the demo books with notes. I found it very hard to concentrate this semester due to personal problems but I was always able to be engaged in the material because they presented it so straightforward and digestible.
a lot of help available for student
I liked how it covered a lot of really relevant topics and made them relatively easy to digest. I really appreciated that we were asked more about the big picture ideas rather than having to be drilled on how to code specific solutions.
practicality
The course is super unorganized and the pace is very difficult to adapt to after the spring break. An example is that the midterm 2 review was held only one day before the actual midterm, and everything that the professors promised was released later than expected (example: grade report, midterms logistics, etc.) The pace of the class is too fast after the spring break. I personally think that the professors want us to catch up to the schedule because of the spring break, but it was too fast paced (homework, two labs, couple lectures, 2-3 discussions, and preparation for the midterm 2 were all squeezed into 2 weeks after the spring break).
Not having a final decreases stress a lot. I really liked the vitamin. I learned a lot from it and it was not stressful. They should have more vitamin questions. The discussion (taped) was very helpful
I liked how it took a lot of concepts that I learned about in earlier courses and took them to the next level.
content
Nice course staff, felt supported throughout
discussion walkthroughs were very helpful
Introduce us to what establishes causality and helps make better decision given the data
I think this is more about discussions/labs. I liked the variety of questions from discussions, especially since they were helpful in preparing for midterms. I'm also SO GRATEFUL for the walkthrus.
Well founded mathematically.
I feel like I truly learned what it means to be a data scientist. It was great because I feel like I learned all the materials necessary to become a data Scientist.
broad range of topics covered, which is useful for DS
wide range of topics covered
Course staff was AMAZING
I liked the overview nature- I felt I learned a lot about many different things.
Comfortable environment for asking questions
I liked that we explored different ways to model datasets and apply that to real world problems with our final project.
N/A
I liked how the course was structured and the available resources. Despite the lack of a textbook, I feel like the instructors and GSIs did a good job at explaining the topics.

What, if anything, do you think would improve the course?

Comments
I think that there should be projects along the way to reinforce our learning.
Homeworks should also be due at midnight??? It's very confusing that they were the only assignment due at 5pm and resulted in one of my homework grades not being counted because I forgot and submitted it that night instead.
labs are too long
More consistent assignment release times and quicker grading
The homework assignments are a bit intense, but the course material is as well, so I guess this may be granted.
more resources to help with hw in terms of example problems
I would allow more on guidance for the homework
have more OH before and on the day when the HW is due
I wish homeworks could have been on what was already covered in the course. I often procrastinated on homework, and one reason was that we often hadn't learned what the homework required before the homework was assigned.
grading should be more clear
The pace of the course and the release timing of the assignments. I think the course materials are already pretty advanced for the undergrads, so maybe a great way to balance is to ease up on the difficulty level of the assignments (especially homework).
The lab was not helpful. They should drop the lab and have 2 discussions per week like stats 140. They really need to write a book like stats 140 because the lectures a lot of verbal information, but it was not written in the slides. This course should be 2 semesters, then the material could be taught more in depth.
The homeworks were very discouraging. They were challenging and felt almost impossible to complete on your lonesome without consulting other classmates or attending office hours. Did not really help teach the course material and felt pretty difficult compared to other assignments in the class.
more support lecture was not that good
More office hours
Terrribly organized for DSP! Everyone getting the same extension is terribly unfair. Also my additional requests for extensions were denied because of the midterm which destroyed my homework grade since I practically had a no submission.
N/A
Guided labs
I absolutely loved the lab walkthru that was done one week when lab was canceled. It helped me understand the course content so much more, and made labs so much less frustrating. I think it would be helpful to release lab walkthrus/recorded labs (if you're worried about people just using it for answers, then I think it would still be helpful to have after the deadline).
The pace moves very fast with a lot of new content, and it is mathematically intense. If lower the difficulty a bit, it will be better.
More direction on how to continue in the field, as this seems to be the capstone course for the major.
I think changing the midterm in to projects would also improve the course.
two midterms were kinda intense
Covered too much topics but did not go in depth for a lot of them
I think that, within each topic, sometimes we would go over topics that I wouldn't necessarily think would be the best to go over– for instance, backpropagation seemed like a concept not related to anything else, and we learned about ethics in machine learning without really discussing what machine learning was.
The difference in instruction with the two instructors was very different, resulting in me not understanding some subjects at all.
N/A
Perhaps allowing for a drop homework would be helpful.

What advice would you give to another student who is considering taking this course?

Comments
Go to discussions
Always go the office hours and make sure you fully understand a concept
Take it, it's useful but fast paced.
Utilize labs and homework well.
really know stat 140
Prepare to spend a lot of time, but the course staff is really supportive and knowledgeable about the subject matters.
do not start late on the hw
I would definitely suggest that the student start homework early. Also, I would absolutely recommend going through all the discussion worksheets carefully before the exams. Make sure you can do them on your own, or for the more complex proofs, make sure you understand how the problems were solved at the very least!
the workload is intense, definitely need to keep up with lecture/discussions to do well!
past midterms are helpful
During Spring break, you should just take some time and prepare for the midterm 2.
They have to look for resources like other books and videos on youtube to understand the material.
To prepare to spend a lot of extra time doing homework assignments.
dont fall behind and go to oh
go to office hours for homework help
Do not miss any classes hard to catch up
Do not procrastinate and keep up with lecture material – the class is very fast paced and assumes a solid foundation in probability and other prominent data science concepts (e.g. coding in Python).
Mentioned in other feedback, but for GSI's, I really recommend the discussion walkthrus if you don't actually go to discussion. They are super helpful with doing a mini review, understanding how course staff thinks thru questions, and getting practice for midterms.
Take with strong mental health, or you will struggle with it.
Be prepared for worst.
Start homework early
keep up with the work
past exams are not indicative of current exams (past are much harder)
take the prereqs! data140, 100, 8
Attend review sessions and find study groups!
Keeping on top of lecture is critical!
Attend discussion regularly and pay attention
N/A
Start the HWs early
To attend lectures and take good notes during those lectures.

DEPARTMENT PROVIDED STUDENT INFORMATION QUESTIONS

Items in this section were selected by DATA for inclusion on this evaluation.

On average, how many hours per week have you spent on this course, including attending classes, doing readings, reviewing notes, writing papers, and any other course-related work?

On average, how many hours per week have you spent on this course, including attending classes, doing readings, reviewing notes, writing papers, and any other course-related work?		
Options	Count	Percentage
3 or fewer	7	4.90%
4-6	17	11.89%
7-9	31	21.68%
10-12	35	24.48%
13-15	34	23.78%
16-18	12	8.39%
More than 18	7	4.90%
Statistics	Value	
Response Count	143	
Mean	1.00	
Median	1.00	
Standard Deviation	0.00	

How many class (or section) sessions did you attend?

How many class (or section) sessions did you attend?		
Options	Count	Percentage
None	3	2.16%
Fewer than half	35	25.18%
About half	33	23.74%
More than half	45	32.37%
All	23	16.55%
Statistics	Value	
Response Count	139	
Mean	1.00	
Median	1.00	
Standard Deviation	0.00	

How satisfied were you with your effort in this course (or section)?

How satisfied were you with your effort in this course (or section)?		
Options	Count	Percentage
1-Not at all	6	4.32%
2	6	4.32%
3	6	4.32%
4-Somewhat	24	17.27%
5	32	23.02%
6	38	27.34%
7-Very	27	19.42%
Statistics	Value	
Response Count	139	
Mean	5.10	
Median	5.00	
Standard Deviation	1.58	