Concepcion, Brandon (DATA C8 LEC 001 Foundations of Data Science (EVAL FOR GSI)) - Fall 2024 (Instructor Version)

Project Title: **Fall 2024 Evaluations**

Courses Audience: **1428**
Responses Received: **1239**
Response Ratio: **86.76%**

Subject Details	
Name	DATA C8 LEC 001 Foundations of Data Science (EVAL FOR GSI)
DEPT_NAME	DATA
DEPT_FORM	DATA
EVALUATION_TYPE	G
First Name	Brandon
Last Name	Concepcion

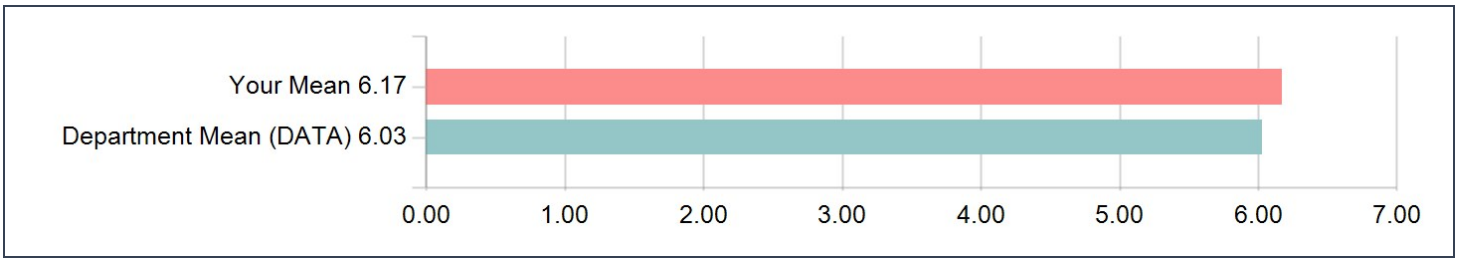
Creation Date: **Thursday, January 02, 2025**

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):

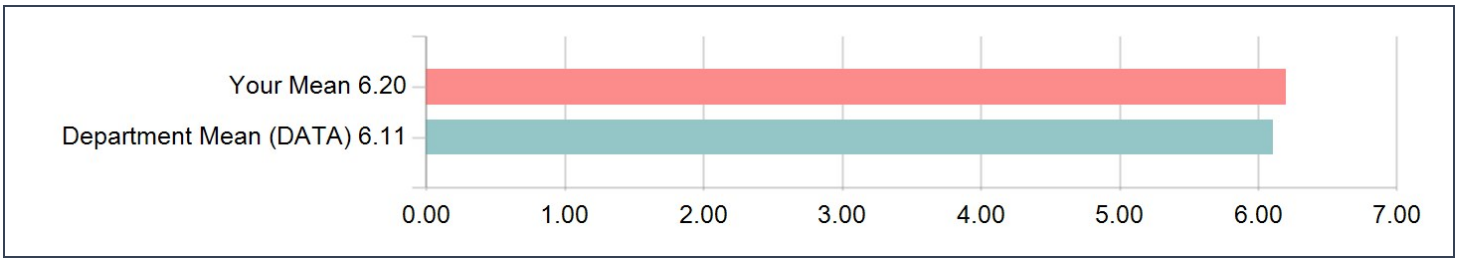
The items in this section are asked across all courses at Berkeley.

The GSI's instructional activities, contributions, and/or feedback enhanced my learning. ("Learning" may include gaining mastery of course content and new skills, exposure to new methodologies and modes of critical thinking, and extending the ability to express oneself on the topics treated in the course.)



The GSI's instructional activities, contributions, and/or feedback enhanced my learning. ("Learning" may include gaining mastery of course content and new skills, exposure to new methodologies and modes of critical thinking, and extending the ability to express oneself on the topics treated in the course.)		
Options	Count	Percentage
1-Strongly disagree	1	1.15%
2-Disagree	0	0.00%
3-Disagree Somewhat	1	1.15%
4-Neutral (neither agree nor disagree)	9	10.34%
5-Agree Somewhat	7	8.05%
6-Agree	21	24.14%
7-Strongly agree	48	55.17%
Statistics		Value
Response Count		87
Mean		6.17
Median		7.00
Standard Deviation		1.19

The GSI created an environment in which I could feel included (for example, encouraged multiple voices/perspectives, welcomed questions and critiques, responded to student feedback).

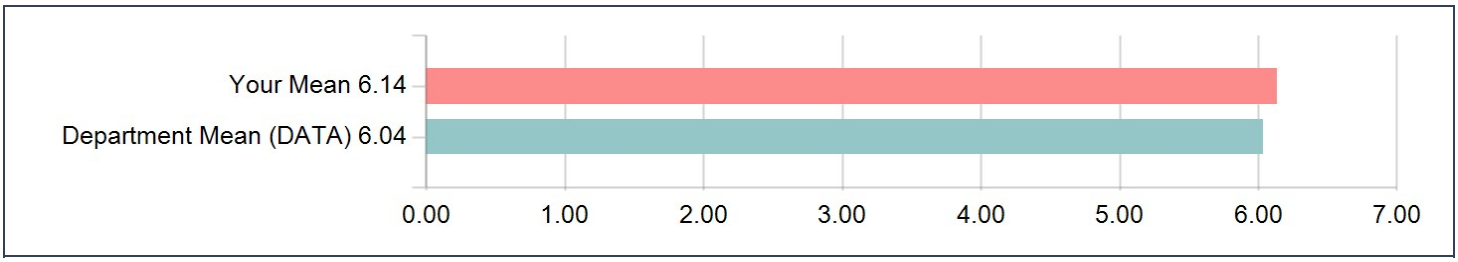


The GSI created an environment in which I could feel included (for example, encouraged multiple voices/perspectives, welcomed questions and critiques, responded to student feedback).		
Options	Count	Percentage
1-Strongly disagree	1	1.16%
2-Disagree	0	0.00%
3-Disagree Somewhat	1	1.16%
4-Neutral (neither agree nor disagree)	7	8.14%
5-Agree Somewhat	8	9.30%
6-Agree	22	25.58%
7-Strongly agree	47	54.65%
Statistics		Value
Response Count		86
Mean		6.20
Median		7.00
Standard Deviation		1.16

DEPARTMENT PROVIDED INSTRUCTOR QUESTIONS:

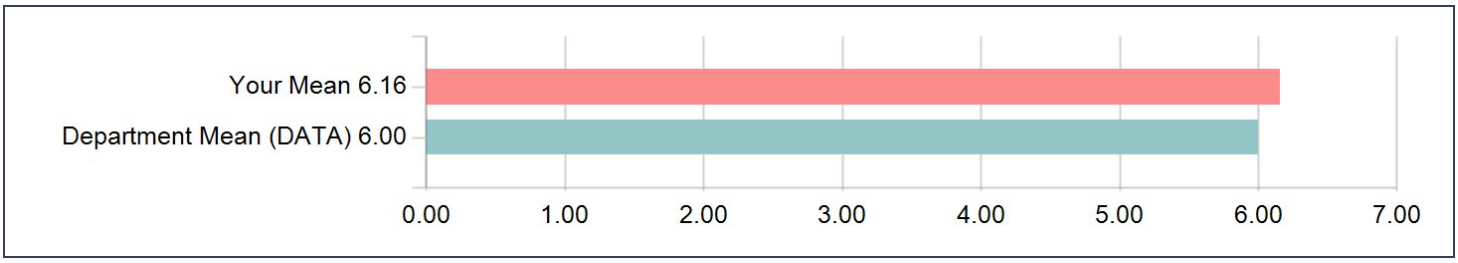
Items in this section were selected by DATA for inclusion on this evaluation.

The instructor presented content in an organized manner.



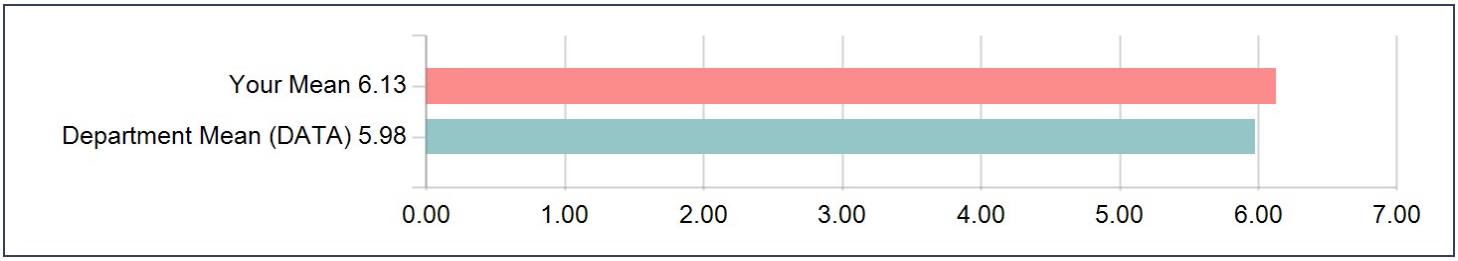
The instructor presented content in an organized manner.		
Options	Count	Percentage
1-Strongly disagree	1	1.15%
2-Disagree	0	0.00%
3-Disagree Somewhat	2	2.30%
4-Neutral (neither agree nor disagree)	9	10.34%
5-Agree Somewhat	7	8.05%
6-Agree	20	22.99%
7-Strongly agree	48	55.17%
Statistics		Value
Response Count		87
Mean		6.14
Median		7.00
Standard Deviation		1.24

The instructor developed my abilities and skills for the subject.



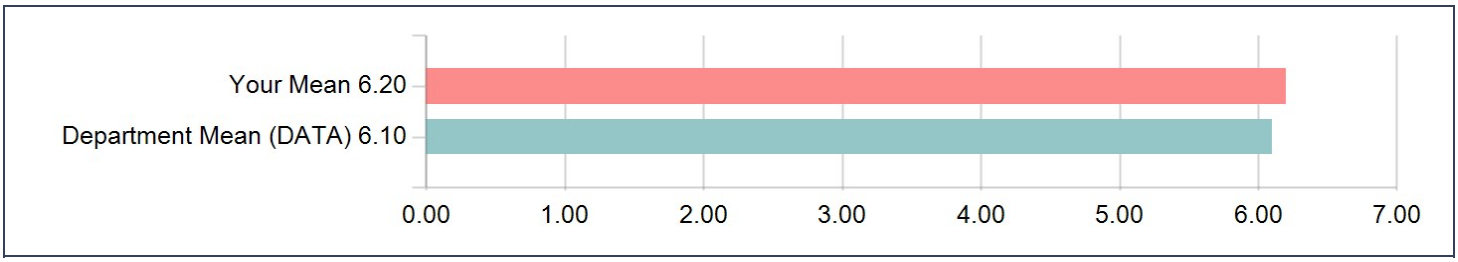
The instructor developed my abilities and skills for the subject.		
Options	Count	Percentage
1-Strongly disagree	1	1.16%
2-Disagree	1	1.16%
3-Disagree Somewhat	0	0.00%
4-Neutral (neither agree nor disagree)	8	9.30%
5-Agree Somewhat	8	9.30%
6-Agree	21	24.42%
7-Strongly agree	47	54.65%
Statistics		Value
Response Count		86
Mean		6.16
Median		7.00
Standard Deviation		1.22

The instructor explained concepts clearly.



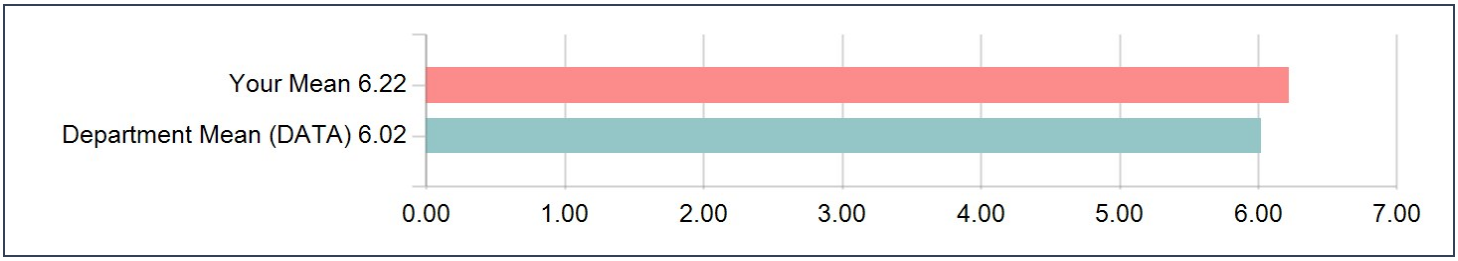
The instructor explained concepts clearly.		
Options	Count	Percentage
1-Strongly disagree	2	2.30%
2-Disagree	1	1.15%
3-Disagree Somewhat	1	1.15%
4-Neutral (neither agree nor disagree)	8	9.20%
5-Agree Somewhat	4	4.60%
6-Agree	23	26.44%
7-Strongly agree	48	55.17%
Statistics		Value
Response Count		87
Mean		6.13
Median		7.00
Standard Deviation		1.35

The instructor encouraged student questions.



The instructor encouraged student questions.		
Options	Count	Percentage
1-Strongly disagree	1	1.15%
2-Disagree	0	0.00%
3-Disagree Somewhat	2	2.30%
4-Neutral (neither agree nor disagree)	9	10.34%
5-Agree Somewhat	3	3.45%
6-Agree	23	26.44%
7-Strongly agree	49	56.32%
Statistics		Value
Response Count		87
Mean		6.20
Median		7.00
Standard Deviation		1.22

I would recommend this instructor to others.



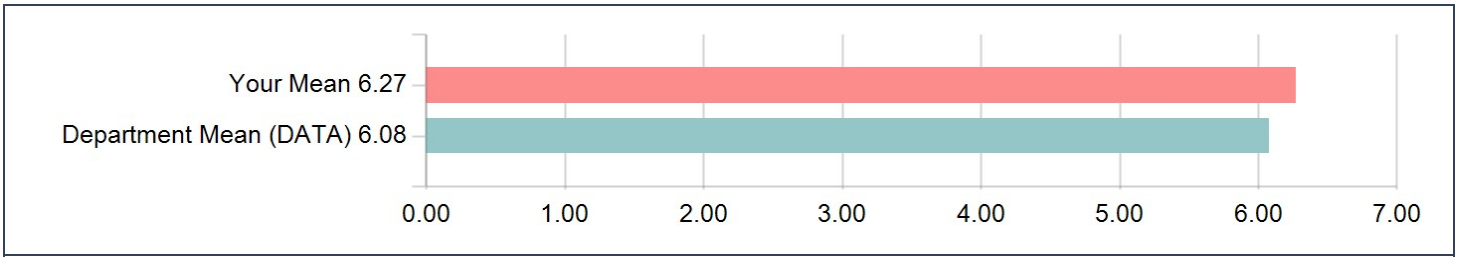
I would recommend this instructor to others.		
Options	Count	Percentage
1-Strongly disagree	1	1.16%
2-Disagree	1	1.16%
3-Disagree Somewhat	0	0.00%
4-Neutral (neither agree nor disagree)	9	10.47%
5-Agree Somewhat	3	3.49%
6-Agree	23	26.74%
7-Strongly agree	49	56.98%
Statistics		Value
Response Count		86
Mean		6.22
Median		7.00
Standard Deviation		1.21

What do you think are the strengths of this instructor?

Comments
Answer questions coherently and patiently.
Answering student's questions clearly
Did not have this instructor
n/a
Bing is the most outgoing GSI I have met, both in an academic and social sense. He always wants to get to know his students and engage them, and I really admire the way he teaches.
NA
I do not know enough about this instructor to comment.
Connecting to students
super organized and explains difficult concepts step by step
Answered questions clearly.
The instructor was able to effectively recap on the material we covered during lecture and further explained it with his own style of slides.
Friendly and knowledgable in content.
Clear communication. Helpful.
BING IS THE BESTTTTTT He explained everything very well He was relatable #bingismyking
Bing always answered my questions. Also he helped clarify and solidify my understanding of the lecture material. :)
N/A
very passionate, kind, and knowledgeable
n/a
did not have this GSI, cannot give my feedback
n/a
individual labs
not sure
N/A
N/A
Connects with students, offers help, checks in often, explains concepts clearly, stays on track and makes good use of time.
N/A
n/a
Very organized slides and had them all uploaded online so students could find them if they needed to go back. Explained concepts really clearly and encouraged the class to be involved.
N/A
N/A
Bing is an energetic instructor who is also organized. He is helpful and always answer my questions.
Didn't interact enough
I did not have interaction with this instructor unfortunately.
n/a
didn't have this gsi
Have not interacted w/ the GSI
NA
They were helpful and understanding.
n/a
Very organized

Comments
N/A
N/A
Explaining, organizing, and applying information
I don’t talk to them so I don’t know
n/a
N/A
I didn't have this GSI
Organize class materials in a concise but accessible way during sections.
My GSI is really good at involving everyone and trying to get to know each and one of us (spark conversations with us). He also explains really well and I am able to understand them better after he explains.
Explained clearly
Positivity
Kind
He really cared about his students. He worked hard on his presentations and it was clear that he was prepared. He really tried to get to know his students, which made the whole experience of the discussion a lot more personal and comfortable.
He provided very clear explanations for each topic, always encouraged student participation and learning, and would answer all questions very thoroughly, even questions not regarding the Data 8 coursework.
Not sure
NA
He was kind and clearly very passionate about data science. I felt he was good at explaining complicated concepts and I felt well supported in the class.
N/A
Very good at explaining the data 8 topics in lab section. Awesome slides.
n/a
Engaging
Clear speaking, positive attitude, audience engagement
Funny, Easy to approach, nice
He gave thorough explanations during discussions and his slides were very descriptive and clarified a lot of concepts that we learned during lecture.
n/a
I think he was very responsive and caring.
i dont know this gsi
Very through when answering questions and if one was kind of difficult to respond to, he really helped break it down in simpler terms without outright saying the answer.
The
N/A
n/a
N/A
N/A
Best GSI ever
I did not have any interactions with them.
Presents material in organized concise manner, is humorous and calm.
Working hard.
N/A
Not sure not my gsi.
.
Clear instructions, good attitude

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?

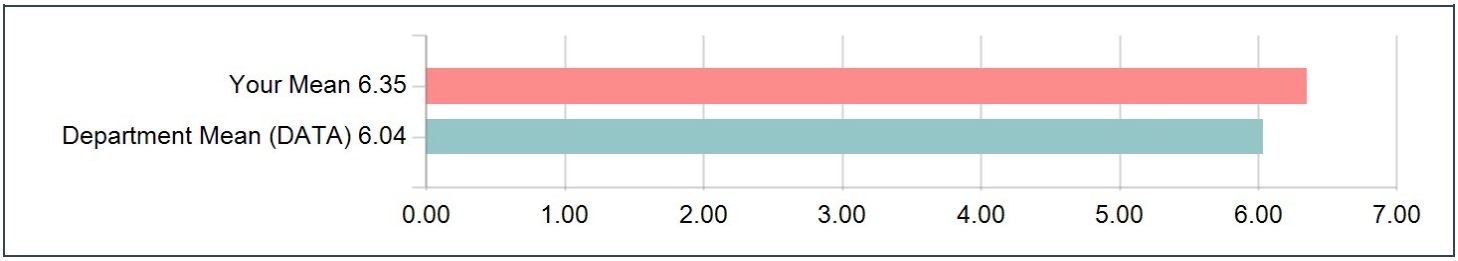


Considering both the limitations and possibilities of the subject matter and the course, how would you rate the overall effectiveness of this graduate student instructor?		
Options	Count	Percentage
1-Not at all Effective	0	0.00%
2	0	0.00%
3	0	0.00%
4-Moderately Effective	6	7.06%
5	9	10.59%
6	26	30.59%
7-Extremely Effective	44	51.76%
Statistics		Value
Response Count		85
Mean		6.27
Median		7.00
Standard Deviation		0.92

DEPARTMENT PROVIDED COURSE QUESTIONS:

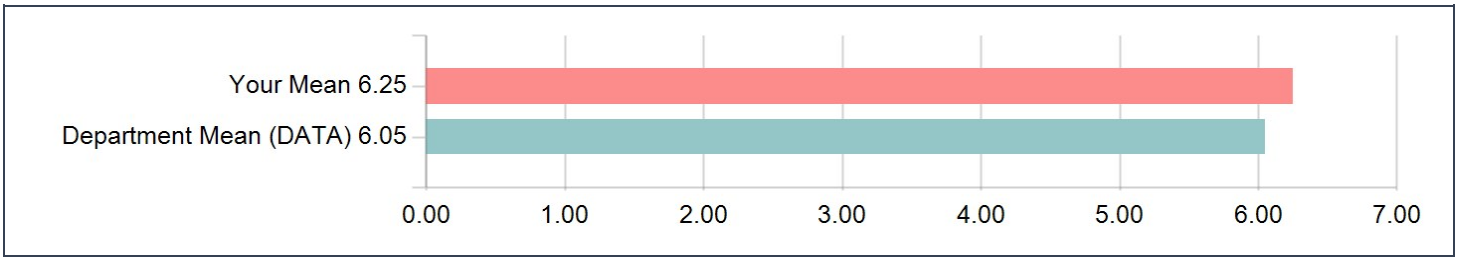
Items in this section were selected by DATA for inclusion on this evaluation.

The course was effectively organized.



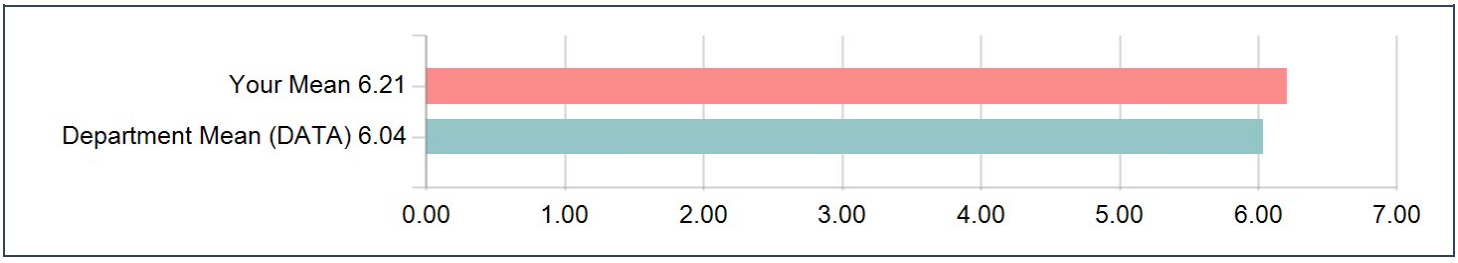
The course was effectively organized.		
Options	Count	Percentage
1-Strongly disagree	0	0.00%
2-Disagree	0	0.00%
3-Disagree Somewhat	2	0.53%
4-Neutral (neither agree nor disagree)	10	2.66%
5-Agree Somewhat	31	8.24%
6-Agree	144	38.30%
7-Strongly agree	189	50.27%
Statistics		Value
Response Count		376
Mean		6.35
Median		7.00
Standard Deviation		0.79

The course developed my abilities and skills for the subject.



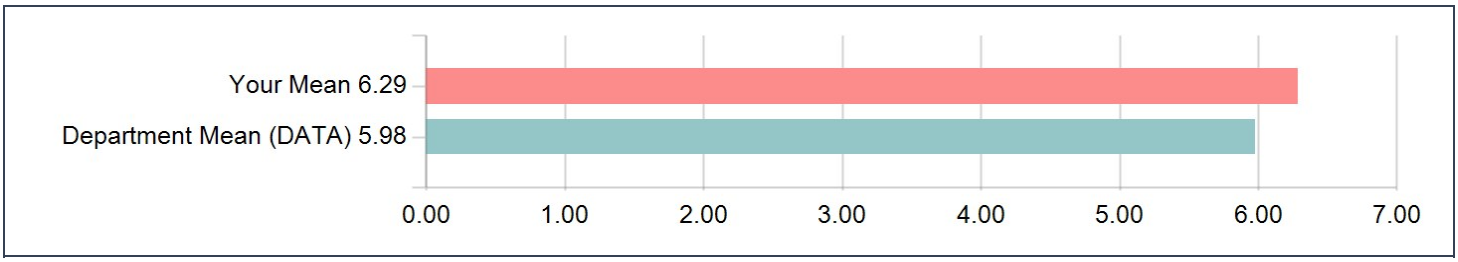
The course developed my abilities and skills for the subject.		
Options	Count	Percentage
1-Strongly disagree	0	0.00%
2-Disagree	1	0.27%
3-Disagree Somewhat	3	0.80%
4-Neutral (neither agree nor disagree)	16	4.27%
5-Agree Somewhat	35	9.33%
6-Agree	146	38.93%
7-Strongly agree	174	46.40%
Statistics		Value
Response Count		375
Mean		6.25
Median		6.00
Standard Deviation		0.88

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	0	0.00%
2-Disagree	2	0.54%
3-Disagree Somewhat	2	0.54%
4-Neutral (neither agree nor disagree)	12	3.24%
5-Agree Somewhat	52	14.05%
6-Agree	135	36.49%
7-Strongly agree	167	45.14%
Statistics		Value
Response Count		370
Mean		6.21
Median		6.00
Standard Deviation		0.90

I would recommend this course to others.



I would recommend this course to others.		
Options	Count	Percentage
1-Strongly disagree	0	0.00%
2-Disagree	3	0.80%
3-Disagree Somewhat	2	0.53%
4-Neutral (neither agree nor disagree)	16	4.27%
5-Agree Somewhat	33	8.80%
6-Agree	130	34.67%
7-Strongly agree	191	50.93%
Statistics		Value
Response Count		375
Mean		6.29
Median		7.00
Standard Deviation		0.93

What did you like about the course?

Comments
I liked how applicable the course work is to my future studies. I also enjoyed the Lab section environment (mostly because of Arfa tbh).
Being in a lab made it easier to get questions answered and reduced stress around grading.
Engaging and fun!
I thought this course was well–organized, and all the assignments helped to reinforce class concepts.

Comments
The course breaks down the concepts in an organized manner!
Dives into ML concepts
The python.
I like that it covers a lot of real–world material. It covers the fundamentals of Python just enough to be able to execute everything we would need to, without getting into the nitty gritty of it.
I liked that the website was very organized and instructions for assignments were clear.
I liked the new concepts I learned.
I liked how the course made connections to real world concepts. I also liked how much available support there was for such a large class
I enjoyed the content.
I liked collaborating to write code.
Coding part was fun and applying knowledge in projects. It being well organized makes it easier to learn
I liked how the material was easy to find and there were many resources to help me if i had any problems. the accessibility of all the resources was very helpful. the material in the course was also very fun to learn.
– organized – a lot of support for students
I liked that this course was extremely organized and kept up a consistent routine that made it easy to plan assignments and studying given the efficient and clear structure.
Many applications to real life.
Everything
Data C8 really expanded my critical thinking skills and its involvement with real world examples and problems really got me interested in Data Science to the point where I am going to double major in Data and Engineering.
How many opportunities there were to find support and extra help.
I had self–service lab and I would say I did enjoy the lab assignments. The length and difficulty was reasonable and it helped me better understand the lecture.
This is my first statistics course, and I really appreciate how it not only taught me the fundamentals of statistics but also how to apply them in real–world situations.
I liked that there were a lot of practice resources.
I liked the curriciulum, the review competitions, and the real–world applications.
Helped me learn a lot about data science.
I liked that this course did a good job introducing me to statistical analyses and building my python knowledge.
I enjoyed how the course connected statistic concepts with coding. This class was my first data science class and I believe it was a great introduction to the field!
it had a lot of real world applications
– was a good starting point
I liked that the content was normally applied to real life scenarios to emphasize the importance of data science.
I liked that everything was so organized and you were never confused on what the upcoming week looked like. I also liked that the course staff was so big so there was always someone to respond to you on EdStem.
I enjoyed being able to learn the basics of both programing and data science.
I liked the pacing of the course and how it was built from the ground up.
I liked how organized this course was.
Everything was well–organized and the staff was very helpful and eager to help students learn to their fullest.
I liked the content in the course.
it was effective in reinforcing the content, especially stuff I was confused about
Data 8 was my favorite course this semester! I appreciate that all of the tutors, TAs, and uGSIs I asked for support from throughout the course were understanding and provided thorough explanations, both in person and through Ed. I also appreciate Professor Jeremy's enthusiasm during lectures, he definitely made the course more engaging and motivated me and other students to attend lectures. I think the textbook and other resources provided by staff to support students were very thorough and improved my understanding of course material beyond lectures. I was best supported by the various examples and applications to real–world scenarios incorporated in lectures and lab/homework assignments.

Comments
I liked how inclusive and open it was to beginners.
having real world examples to demonstrate topics covered
I liked the stucture
the readings
Engaging and interesting
I like the course conceptually and the way it was very engaging as a student.
I liked how the discussion allowed me to meet new people. The GSI's and the people that helped us in lab were all very friendly and knew the subjects very well.
Fine
It was very interactive and enjoyable.
It was a very nice entry point into the world of data science
the pace and the way it was taught
very applicable
Workload was manageable and showed many real–world applications of this information
I like how similar it was to AP Stats and I enjoyed how energetic Professor Jeremy was.
I like how straightforward, structured, and organized the course was, and how the assignments were relevant and allowed you to understand and really practice the concepts in the course, which prepare you well for the midterms and final exam.
Not much, I have said it many times before in the other evaluation form, so I dont want to explain myself again, but for short reason, I just wasnt happy doing this course cause I have no passion or liking to it.
I liked how everything was organized on the website.
great and interesting
It was structured/organized really well and made me think hard about how I approach different problems.
The jupyter lab assignments.
Answered in other form.
I liked that I was able to work with other students since it made it easier to work through problems together.
N/A didnt have discussion
I liked how the course was structured and how organized the course was overall. I found the textbook to be particularly helpful and one of the greatest resources for this course.
It was very organized and my GSI knew what she was talking about.
The course was very well organized within the course website, and it was very easy to ask for help from the different GSIs and the professor during office hours. The homework was also very helpful at cementing my understanding of concepts, so I never felt like I was very lost in the course.
Good resources, good explanations, very understandable in general
I enjoyed the ability to work in discussions with friends.
I liked that I was actually able to learn code and understand what I'm doing.
The data science
Beginner friendly
Already answered in the instructor evaluation
Course is organized.
Practicality and obvious application of content
Super interesting, provided real world application of material
I really liked the instructor's personality.
The pacing, the friendly atmosphere
I enjoyed its ability to challenge the way I think when encountering coding topics. Overall, the course is well organized and clear.
I liked how this course was challenging.
The website was honestly such a lifesaver throughout my entire time in Data 8, having those easily accessible announcements made my personal stress/anxieties about the class feel much more manageable. Being able to look ahead in the schedule too made life as a student so much easier as I could prepare for what was to come. The way content between the readings, lectures, and discussion/labs all intersected and built off each other really helped me develop my understanding.

Comments
I enjoyed the course as a good introduction to coding and data science. I feel much more knowledgeable about languages like Python and am very happy to have had such a good introduction to the topic.
I liked learning about data science and how hands on all the assignments were.
Skills learned in the course are easily applicable to real–world scenarios.
I liked learning to code from the very basics.
Real world applications, combination of stats and python
It was very fun
Introductory, beginner=friendly, so many resources and help. Using data in real–life applications.
The course staff was very accommodating and encouraging, the material and assignments were interesting, plus knowing how to code is super cool! Great intro course
I liked that the GSI broke down the lecture topics during discussion and was much more approachable as a teacher than the actual lecturer.
I liked how the worksheets gave me a lot of practice!
The layout of labs/homework and the approachability of the staff/tutors.
Structured and cleanly organized
There was lots of support
Thinking about applying real life problems into tables and prediction models to generate possible machine learning algorithms/A.I. algorithms
The organization
This course was entertaining and I enjoyed the material.
I liked the material
It was interesting learning about data science and its applications to the real world, especially with topics such as classification models.
Being able to understand the topics more in–depth through presentation and practice problems.
N/A
I liked the different concepts and the use of data exploration
I liked how there is a mix of stats and coding in the course, it is not too biased on one. Also the problems we do can related to a lot of real–life situations that I think is very interesting.
the real world application
How the course flowed, how the lessons would build upon each other, the professor was good (and occasionally funny), my gsi was very helpful and good. So I liked the class overall.
I liked the demos, labs, and how hands on it was. I learned so much, I went from knowing almost nothing to now being able to code and understand so many new concepts.
You could do projects by yourself if you wanted to.
The course content
I liked the structure of the labs and assignments.
Informative and helpful for things I want to do in the future
kin
I love the way that this course is designed included the lecture, homework, project, and lab but not the exam.
Fun
supported staffs
I found the basic of coding in python and analyzing data very interesting.
I liked how you could do work at your own pace. The grading is consistent and fair. The GSI lab sections are very helpful.
I liked how the lab sections were structured and how worksheet problems had many conceptual questions to improve learning.
great intro to data science
How organized everything was
I liked the discussion worksheets.
It helped me learn about coding in python and more about data science in general.
N/A

Comments
I really liked the course website and how easy it was access everything in one spot.
The discussions and labs are very helpful to refresh concepts and apply them, especially because it's ungraded, we can make mistakes and learn from mistakes. I also like that discussion and lab is combined so that I don't have to come two different times.
It combines two of my interests of Statistics and Coding.
I like the reasonableness of the assignments and exams.
The course was made to accommodate for people with no coding experience or data science experience, so beginner friendly.
The real world applications
I really liked learning some coding basics because coming into the semester, this was a completely foreign concept to me. I enjoyed it a lot more than I thought I would and now am interested in learning more about python or other languages!
In my opinion, Data 8 is a perfect foundational course. The concepts nicely flow with one another, making the material satisfying to learn. Also, the course staff is always ready to help (they are great communicators).
Lectures
I liked learning the code
everything
I liked the practice and applications of the course, and it developed my understanding of coding and statistics.
I liked that the course included real world application, it really helped me grasp the purpose of the core concepts.
It was fun and very informative.
It was well organized, engaging, and very fun throughout the semester.
The course was very well structured and provided a great overview of a variety of topics.
I like that the readings are very helpful
Very helpful review of important concepts from the past week in the slideshow, very good practice with the discussion worksheet and lab notebook assignments, lots of help and support from uGSI
NA
I liked the self paced nature, somewhat of it in the self service lab
I liked that the projects had checkpoints to pace the students well.
The book, the professor, and all of the staffs
Its extremely well structured and there are so many resources available to students. I really appreciate this.
I liked that I truly learned a lot about data science and it was good intro class.
The textbook is very well written (in the sense that the language is accessible to dummies and isn't loaded with jargon), the course staff all seem to be organized and it seems like a healthy environment, professor Sanchez clearly cares about the staff and providing support to his students, course was really fun and so was the homework and labs.
I liked the accessibility to resources and how organized this course was.
The lecture was engaging and I really liked going over how to find certain data in tables and apply that to what I’m looking for.
Lab section was very helpful and the materials reviewed were beneficial to my understanding of the subject matter.
I liked how the course made sure to connect what we were learning to real world situations. I also loved how welcoming the course felt to those with no prior experience in coding.
structued intro to ds
it taught me how to use tables and program
Engaging.
This course is a basic course for my future study, I believe it can be a good fundamental for all future classes and my career.
I liked how there was a bit of a challenge for me to understand but eventually I learned to be patient and learn from my mistakes.
It developed my understanding of the subject.
I enjoyed the different topics and the examples that helped the topic become easier to understand.
The content learned and the environment that encouraged open thoughts and learning.
I liked how all of the concepts were connected and had both coding and real world applications.
the labs done in class
I liked the in person discussions, I think they were super helpful for me to understand concepts.
Friendly staff and interesting content!—Xuzheng Chen

Comments
It was very effective and I learned a lot of basic python as well as some intermediate python.
The course was structured very well, and all the staff was friendly and helpful. I learned the most from my discussion sections.
I liked the topics we were using to learn data and the workload was a lot, but it helped me learn.
It was easy to understand.
My favorite part about the course was how well organized and structured everything involving the course was. I loved how the homework and labs were always due on the same days every week, respectively. This made it extremely easy to form a routine that allowed me to always get the work done on time. I also liked the incentive of extra credit for completing the homework, labs, and projects a day early. I also really enjoyed having Jeremey Sanchez as a professor!
everything
I like the projects and homeworks and how creative and applicable they were to real world settings.
I liked that everything was cohesive. In addition, I found it very helpful that on the HW's and labs, there were hyperlinks to the corresponding textbook section.
I enjoyed the course flow and progression
That its almost over
That it was conceptual, slow–paced, and detailed.
I liked how we would get sheets with practice problems and that I would get time to work on the lab assignment and have the opportunity to ask questions.
I like the data manipulation. I think jupyter notebook was very effective because it was very helpful to be able to freely try different things with the code and see what exactly is going on when trying to solve problems.
The coding aspect and learning python.
I really liked how the course was very hands on and was always data science the whole time.
The
I liked the earlier assignments and projects.
Lectures were always recorded and made available, and the quick feedback and communication through Ed Discussion were excellent
I liked the overall organization and the labs.
I liked the labs and projects since they were well made and on interesting topics.
I liked we used real world scenarios.
n/a
Getting to learn Phyton and the people I’ve met.
It was really practical
The projects were definitely the most helpful in tying together concepts that spanned across weeks, and I learned the most trying to work through these applications because it could demand multiple concepts in one question, which allowed me to deepen my learning and application rather than just knowing the concepts. I also like how for such a big class, how well–organized it was.
introduced me to python
the assignments were very helpful and did not feel like an annoying task that I had to get over with
Since I was in the data scholars lab, I felt a lot more comfortable working with students with similar backgrounds as mine. I also loved having Cai as my lab GSI.
I liked how the course had a lot of real world applications. It was also very accommodating of students' learning styles.
Great way to find study buddies and work out concepts togehter. Also great way to solidify concepts.
Jeremy Sanchez and the niceness of the course staff.
I liked the labs because they gave a deeper understand of the topics.
organization and survey of topics
Everything
I liked how it got into hard concepts but made them understandable at the same time.
I liked how it was an intersection between programming and statistics.
I liked the ability to work together with my peer and to develop my critical thinking skills.
It was very interactive and hands on.
The way it opened my eyes to the importance of data science and predictive power.

Comments
Rory always posted the slides she used, as well as the reference sheets she made. These reference sheets contained information that I found critical to learning topics from the rest of the course.
So much variation to learn and discover strengths
I liked learning about applying coding to the concepts in the course in Jypter notebook.
I liked that I learned the foundations of Python.
the organization
I liked that we learned about case studies and that we were able to apply what we learned in class to projects.
Good intro to Data cience
I liked how there was a strong platform in the course over there.
It was new and challenging, but the staff members were really helpful and clarified the material when I needed help.
Emphasis on material Non–subject concerns were minimized
Organization of Subject in Order of Basis of Knowledge
I liked the content of the course and what it taught
The course is designed well. Each section is intentional. The assignments definitely helped solidify my understanding of the material.
I loved the coding notebooks. They were really informative and helpful.
It was interesting learning the topics and I really liked the guest speakers. (Specifically the first one)
The resources and support.
I liked the professor and GSI
Organized logistics

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

Comments
I do think the exam over emphasized the conceptual and lecture based elements compared to the practice material. I wish I had gotten a chance to show the coding skills I had learned and studied for rather than being asked small questions about random lecture content and examples. I think that the way the questions on exams were weighted were also odd, super conceptual questions were weighted way higher than more difficult technical questions
Nothing
Remove the no–electronics discussion section and replace it with more hands on coding time.
Seating in the first couple of weeks of school.
N/A
More application talk would be fun
More lenient homework grading.
Nothing, I enjoy this course.
A little bit more midterm/final review and have it be a more accurate reflection on what it will be on.
Convering content more thoroughly, specifically the statistics
I think there should be more materials that match the current exam style. I felt the past exams did not prepare me well for the new exams.
I would try to cater the content more towards students with no coding or statistics experience.
Uhh more coding walkthroughs
add zoom link directly to the course website, not just on ED
Teaching more code during lecture and in the text book. some of the textbooks code was very hard to understand even though it said some of it wasnt too important to be able code it would have been better if it was easier to understand.
I do not have any suggestions for how to improve the course
Slides are sometimes hard to follow when I'm looking back at them to review.
I like how it is currently organized
Make the questions balanced so when you only get two questions wrong on the homework it doesn't make it less than an A.

Comments
Honestly, I would no complaints of the course and wouldn't really change anything about the course.
N/A
I don't believe that asking questions about past lectures on the exam accurately reflects our understanding of the concepts taught in Data 8. In my opinion, these questions seem more focused on memorization rather than true comprehension.
The textbook could be clearer in its explanations; it's easier to understand the material by going to lecture rather than just reading the textbook.
Nothing, course was perfect.
Have more support for students who are struggling particularly with coding. Test taking strategy workshops for the midterm and final would be beneficial.
Spacing between projects
– maybe more opportunities to get tutoring help
Offer explanations or examples on how to solve certain problems on the HW or projects.
better exams
I would like it if there was a bigger gap between Project 2 and Project 3, because having them back to back is a little disruptive for scheduling.
I think maybe include more optional practice assignments.
A lot of material and lectures seemed rushed.
Perhaps more structure and organization in lecture would be helpful.
idk
I think doing more problems where you work on code together could be beneficial for students to see how coding works.
smaller class size
I think the tutors are not trained very well
I wouldn't do anything.
For discussion, some randomized group work would be nice so we can meet even more people in the same lab as us.
No
nothing
Focusing more on the conceptual side of things during the first half of the semester. I feel like too much emphasis was put on training the programming aspect of things.
not sure
more conceptual content
The midterm was nothing like the past exams so hopefully the format could change back or share tips on how to handle questions in this new format.
Nothing!
I have no suggestions to further improve the course. I think the course is perfect the way it is.
Not much, I do feel it is run very well.
I don't think there is anything I would improve.
more conceptual
I think that setting expectations on what the professor expects of the students before the midterm/final (ex: what midterms to focus on as it wasn't announced that taking practice midterms from certain professors were favored until after we took the midterm) as well as having homeworks/labs more similar to worksheets as the worksheets were helpful in developing my understanding and applying data science methods to real world problems would help improve the course.
Use pandas instead of datascience library.
Answered in other form.
N/a
N/A didnt have discussion
n/a
n/a
I think spending a little less time in the first semester on the different parts of the exploration stage of the course and devoting more time to the prediction algorithms and the regression lectures because they are more complex and difficult to learn in such a short

Comments
time frame.
More lecture sections
I would think the limitations for who you can work on with projects should be revised.
N/A
Nothing
Not sure, sorry.
Already answered in the instructor evaluation
We can release our homework ealier.
More preparation for the exams with more similar questions on assignments
Clearer and broken down explanations of complex material, more review during lectures.
More Project Parties
I would adjust the timing of the labs with the lecture content, so that they would be aligned.
n/a
During lectures we used pollev a lot to test our understanding, for me at least this didn't feel too productive for me and sometimes I felt like I would've preferred a lecture centered on a case study to see everything learned in the readings done in practice. But that is just me....not sure if other students feel the same.
n/a
N/A
More direct and concise lectures. The lectures are really slow and stretched.
Homework due after labs, as labs often helped with practicing concepts in a more understandable and helpful way than the homework, which was often much more difficult.
Having better discussions on worksheets discussed in class. Sometimes the topics are not covered in lecture.
Sometimes the lecture slides were hard to follow, and knowing what I should study on exams wasn't always emphasized. I wish those were made clearer
None
n/a
Less projects
n/a
Recognizing that some students are taking many many courses and to hold more time going over review questions
More notes on the slides or more descriptive notes to look back on after lectures
Nothing :)
No
Sometimes Jeremy's lectures felt like they could have been more condensed or paced more quickly. Additionally, it might have been more helpful to focus the lectures more heavily on the theories behind the statistical ideas we were going over, rather than focusing mostly on examples relating to the statistical ideas.
N/A
maybe optional past midterm questions as extra practice
no hidden tests
Sometimes the lecture felt a little fast and going through difficult topics quickly.
Homework checks that give you more specific feedback on what to fix.
All good
I would've liked the midterm's structure to be more similar to previous years.
kjn
Please make the exam base on what we were taught in the class also what we were practice every week in homework, lab and project.
nothing
no
I would make lectures more structured in a way where we go over very similar problems to the homework so it can help us understand the basic of coding when we are alone working on assignments. Most of the lectures were a reiteration of the textbook

Comments
which was helpful conceptually. I enjoyed labs because I felt like I could understand better because the worksheets were beneficial when it came to working on the lab and homework.
The midterm MCQ felt a bit unfair because they went through insignificant questions like "what command to find documentation of the hist function". The lectures, though interactive and engaging, are not complex enough compared to the homeworks and labs.
I think too many concepts are put in the lab, so not all of them end up being covered. I think having less questions per concept on the worksheet may be helpful for that issue.
N/A
Less work and maybe more spaced out
I wish there was more time to get through all the discussion problems.
No improvement needed.
N/A
I wish we could check our grade reports more often.
I think a smaller group would have facilitated more discussions.
Less busy work
Faster wait times in OH.
N/A
not much
I really liked the structure/design of the course and don't think there is much to improve. However, I wasn't a huge fan of the hidden tests on the homework. Perhaps there are better ways of assessing students' knowledge of the concepts.
I think the course could have more comprehensive test cases in the assignments.
n/a
Online office hours
I think the pacing could be quite jarring. Some of the homework was due on content that was only explained in the next week's lab. The homework and lab expectations should be clearer so that we have learned the content on the homework BEFORE it's due. I had to figure it out myself for hours for multiple homework assignments, when the next week the lab answered all the questions and confusions I had with the topic.
Make the course more understandable in certain aspects.
n/a
The course could be a bit more collaborative in terms of students working with one another.
I think I would make sure that every concepts as explains in the textbook is clearly address, there are still some areas where there are confusions
Most students weren't really participating when the GSI was going over the discussion worksheet and asking for volunteers to share how they answered the questions . I'm not sure what could be done to improve this though.
NA
N/A
Less overall assignments, too much to keep track of.
I would say the tests should be more like the homework and labs.
I kind of wish the slides were more information dense just so i can go back and look at them but that's just me. They're likely the way they are for lecture structuring but I'm more of a visual learner/ reader/ doer so it would be nice to have information not in the textbook somewhere on the slides for easy access. Discussion worksheets could have one solid file of answers SIs can refer to if anything just because I want to be certain with my answers. Homework/lab/ project questions sometimes have awkward phrasing.
I would like more review, as the course is info heavy.
N/A
The reviews before the midterm could have been better, they didn't really make me feel more prepared for what was on the midterm
Data C8 should be broken into multiple, smaller courses instead of a 1500 (exactly 1472) person course. The GSI/TAs worked very hard and diligently to ensure students' needs were met, but I think it's inappropriate to have students pay for a course and expect face to face time with their peers rather than a professional who has more training and compensated appropriately. Students should receive work experience, but expecting them to shoulder the burden of a ~1500 course is unrealistic and exploitative, particularly when their compensation is much lower than an associate instructor's compensation. The data science and other contributing departments need to do better and make Data C8 less crowded with the responsibility of teaching mainly on the instructor instead of underpaid students.

Comments
hws are a lot but not an effective supplemental as they should be when its comes to midterms and finals; wording of homework and labs are frustrating to understand considering how it could've been worded differently in a more effective and efficient manner
make the labs harder
Make tests more realistic compared to past exams.
NA
I would really want GSI's to go over the midterm or past exams and walk us through how to answer them. At the end of the day it's good to know the concepts but also I believe knowing how to take an exam especially in an introductory class with freshman who are unfamiliar with college test taking would be useful.
Do poll questions in discussion.
I believe having more time for projects or changing the due dates to be more evenly distributed.
N/A
Nothing, the course is great as is.
study guides for midterms/ finals
I can't think of anything
Excellent!—Xuzheng Chen
It's very well organized. I can't think of anything to change.
N/A (it's already pretty good)
I wouldn't change anything since there are more than enough resources to help students.
More projects.
N/A
na
More organization.
I think a slower pace. Not sure if that's possible considering the length of material we have to cover but if any possibility, it'd be helpful.
Just improvements on extension requests and homework autograder checks
A new professor
Make it more chronologically connected when explaining/teaching concepts.
For the GSI to not ask the students who know the answer but rather explain why it is correct in a more sufficient way.
I think that our labs should reflect the exam content more, such as the specific examples we should know and the conceptual aspects that will be emphasized.
More review for exams.
Can't think of anything.
The
I would like a later submission time for most assignments. I have a lot of other courses and responsibilities that take up the day which makes it difficult to accommodate a 5pm deadline.
It would be great to have online lab sessions available for students who are unable to attend in–person labs due to personal reasons
Make lab sections more engaging with the lab (by this I mean including the GSI).
N/A
N/A
n/a
More Office hours.
THE GRADING FOR HW AND LABS ABSOLUTELY SUCK. STOP DOING PRIVATE TESTS.
I feel like more videos/models would be helpful for explaining certain concepts like the interactive pivot model which helped a lot for visualization.
more online office hour options
Pls let future students have both periods to work on the project
N/A
More Jeremy Sanchez and more engaging projects.

Comments
N/A
Make lecture required
N/A
I can't really think of anything that would improve the course!
Unsure
Could go more in depth on concepts.
Changing assignment due dates
I think the lecture demos should have more text explaining each step, honestly the whole visual for the lecture could be done in python notebook
We rarely had time to get through the entire worksheet, through no fault of Rory's. I just think the worksheet needed to be shorter.
More time on assignments.
More organized exams.
Less examples in class, more programming.
n/a
n/a
The course should have questions that prepare students well for the midterms and final exam.
Less guest speakers
More exam review sessions
More explanation/help towards that stats side of the course
Please include a sample rubric for written responses of assignments or maybe an example so students know exactly what a complete answer entails.
Maybe more coding and I think learning real world languages like pandas would be useful for future endeavors
Get rid of 5pm deadlines
outside practice like short questions that can be accessed at any time.
1–1 tutoring sessions weekly.
A bit more focus on problem–solving rather than theory
Progressing through course content faster near the beginning of the course

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

Comments
Make sure you read the textbook after every lecture because the information doesn't stick the first time.
Engage in lectures and discussions/labs.
Read and practice!
Attend lectures, do the readings
READ THE BOOK!
Take it, you'll find to really enjoy it
Do all the HW and Lab assignments.
It will be easier if you have background in statistics, so if you don't, be sure to take time to understand it.
Take advantage of the support and resources and don't be afraid to ask questions.
Pay attention the first month because that is the most important.
Learn some basics of python or get a tutor
dont fall behind on coursework and attend everything
read the text book and go to lecture. also stay on top of your work in this class
– take advantage of tutoring and in person lab sections
To a student considering taking this course, I recommend to keep up with course content as it comes do not fall behind, take advantage of the tutoring sections, use the study resources provided by the course, attend all lectures, and dob't be afraid to ask questions if you have any,

Comments
Read the textbook before the lectures so the material isn't entirely new.
Use your lab time effectively because it can get you out of future work.
Make sure to attend office hours and ask questions in the lab sections, that is where most of the learning occurs.
Take advantage of the resources on the Data 8 website, and join Data Scholars for project parties and additional office hours
Reading the textbook can answer questions that you still might have about lecture material.
This course covers a lot of conceptual topics, and attending office hours and the in–person lab sessions has been really helpful in reinforcing my understanding so I would suggest others do it as well.
Take advantage of discussion/lab and tutoring opportunities! It's the place to get questions answered if you couldn't ask in lecture or office hours.
Go to lecture.
Make sure to do assigned readings before class.
Have good time management (start assignments early) and do not be afraid to get help. (You may fail before you actually learn).
I would advise another student to not procrastinate on the homework or projects to make use of the extra credit. The EC was very useful.
Stay on top of assignments
– to keep on track
Attend office hours and ask questions if you are confused.
have some fun
Take advantage of the in–person labs and tutoring sections, since they reinforce confusing topics from lecture.
Make sure you don't fall behind
Always ask your GSI any questions you have, no matter how small or big they may be.
Read the textbook!
sign up for in person labs
Reach out to TAs and tutors for support whenever there's a topic you're having trouble understanding, either during lab/discussion sections or office hours; Data 8 course staff is extremely helpful, not just when it comes to understanding course material, but also if you need advice on what classes to take later on, and so much more. Do your best to go to lectures in person, it's definitely more engaging than watching on Zoom, and there's something about doing demos in person and being able to discuss course material with the folks around you in a lecture hall that you just can't get watching lectures at home.
To always ask for help or guidance, even if you don't need it, because you will always learn from the staff and they are always so accommodating.
Start assignments asap.
Study hard and go to lecture
Tutoring and OH, in–person lab
Don't skip lectures, go to office hours and tutoring, and work to strengthen weak or unfamiliar concepts.
Talk to more people in your lab, do the discussion worksheets and ask a lot of questions.
None
Dont take any shortcuts.
Read the textbook!
go to office hours
start homework early
Use the tutoring sections because they are great resources and utilize office hours as much as possible not just to ask questions about the homework or project, but also conceptual questions.
Spend time doing the readings.
Make sure you actually understand how to do the labs, homeworks, and projects, as they prepare you well for the midterms and final exam in the class.
I would advice them to know this class is very python and data heavy.
I would ell them to make sure to start everything as soon as possible.
prep foundations
I would definitely recommend attending office hours for help on projects, homeworks, labs, and course content as it is helpful to

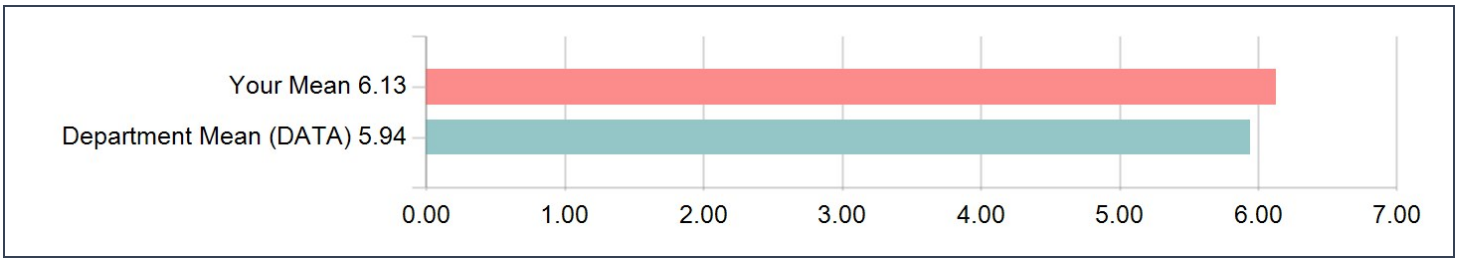
Comments
have these things explained to you in person by people who truly understand and are passionate about this subject.
read the book.
Answered in other form.
Make sure to write any questions you had in lecture that you were still unclear of during work time as that will help make you more confident with tfuture work such as labs and homeworks.
N/A didnt have discussion
READ the textbook and take a lot of practice exams.
Make sure to pay attention in lecture!
Stay organized and on top of all the projects and homework, it is easier to try and meet the early submission deadline and be late but still have it turned in on time for the regular submission deadline. I would also recommend to figure out for the projects if they work better alone or with a partner when coding, and to choose partner or no partner based on their style of completing the assignment and getting help.
The textbook is really helpful! As for labs: I can't say anything about the in–person experience as I was in self–service lab but I've heard it is useful to sign up for in–person lab!
I would tell them to make sure to pay attention during both lab and lecture.
I would advise to not fall behind. There is a lot of content that is constantly being used, so keeping up with the content is the best thing for this class.
Go to discussion
Do the work early.
Already answered in the instructor evaluation
Take math 54 if you can along with the course.
Put in what you want out
Read textbook, ask questions, dont fall behind.
READ THE BOOK, look at the demos, review/take notes in lecture, try out the past midterms, get a project partner (It is not as easy doing a project on your own)
Finish assignments early
I would advise to go to lab in person because it helped me focus on the content much more than it would've if I decided to do self study.
Be on top of your work and don't slack/ fall behind,
So as a busy student it's inevitable that you won't be able to handle readings, lectures, and discussions all at once (at least that was definitely the case for me), so of any new students coming into this class I would highly suggest that the ones to focus on are lectures and discussions. Readings are really important yes, but I do think it's possible to succeed in the class with just content overview in lectures, reviews in discussions, and the hints referencing the readings in the assignments themselves! Especially since exams in this semester, at least for me, felt very connected to lecture coverage of the material rather than how the readings cover the material.
Utilize resources like the website to its full advantage.
Try to attend section as much as you can. It helps you grasp the content.
Make sure to read the textbook and don't fall behind.
Learn the concepts well.
Ask questions, read the textbook before going to lectures.
GO to lecture
Be resourceful and ask for help
Stay on top of your work, attend office hours, and work with other students also in the course
I would say to not be scared to ask questions––your GSI is there to help and will answer any data science related questions you have to ask.
I would recommend doing the in person lab if you want more focus on practice rather than the concepts themselves!
Go to office hours!!
Study earlier
dedicate lots of time to ensure you understadn the topic s
Practice problems, read Chapters, ask questions

Comments
Take advantages of EC opportunities
GO TO LECTURES
Always stay on track and read the textbook
Don't be scared to ask for help.
To collaborate with peers and ask questions.
N/A
take practice exams
pay attention to lecture, read textbook
Make sure to do all assignments, labs and hw, with full effort because they really help understand the actual course content. GO TO ALL LECTURES.
They should, even though it is difficult, it is rewarding and you learn a lot of new ideas and concepts.
Don't not study for the midterm.
Work hard and keep on track of this course
Read the textbook.
Go to lecture every day (also discussion and labs)
The past semester exam is useless =) Read book instead!
study
no
Make time for this class and make sure you put effort into the course but also make friends so you can help each other.
Take the in–person lab section if you haven't ever coded or taken statistics.
I would encourage them to utilize the worksheet to study for the tests, as the conceptual things addressed are really important.
discussion sections are very helpful
Don’t wait last minute it will snowball and also ask questions when you don’t understand
Try to do the lab in lab time so you can get the good support!
I would advise them to study early on and attend tutoring and office hours if they can.
N/A
I would tell them to make sure that you read the textbook as well as the slides.
Come to discussion/lab.
All gas no breaks
I would advise picking self service if they already know coding and to read the textbook when doing assignments.
Read the textbook always.
Study the lectures they give you in discussions
Read the textbook before attempting homework assignments (preferably before lecture but not necessary).
Stay on top of assignments.
review assignments
To study a little everyday because there is a lot of conceptual parts.
Go to class, read textbook, go to OH for questions
Keep up with the work and read ahead. The lectures and content only made sense to me after I had an initial understanding of the topic.
Take it! I feel like a lot of non–stem majors are scared of taking data8 as it's a stem class, but I think it's definitely a class that gets you to like stem
I would advice to seek out the resources provided to students because it is easy to fall behind, especially in a class this large with critical foundational concepts.
Study hard.
Stay on top of work and do not slack off on the homeworks/labs, as they are very helpful and make up a good portion of your grade.
I would advise the student that this course at times has a lot of workload, but if you keep up with assignments you should be fine.
I would say stay on top of the materials and go to lectures
The in–person lab section is definitely worth it, it helps a lot to make sure you are consistently keeping up with the material and to

Comments
have a set time every week when you can ask questions and get help!
Work smartly
Stay on track and use the textbook, projects and homework help you a lot. sign up for data 8 tutoring
Read the online textbook before attending lectures.
Read the book before the lectures, go to the office hours
I would say its a good introduction to data science but it is quite a bit of workload.
As with all courses, focus on your understanding of the concepts over getting it right. If you're someone who hates busy work, try to have fun with the homework and approach it with a learning/ "I'm just trying to have fun" mindset so you actually enjoy yourself. Some topics you struggle with and have to spend hours on just doing one problem will be so much more bearable if you just manage your time better and not try to focus on getting it out of the way.
Read the textbook, as it's more helpful than the lectures.
N/A
GSIs are very valuable and provide insight as well as support about how to navigate the course information or testing strategies.
read the book over and over again, simplify concepts if you can, practice with midterms, labs and hws wording is awful, a lot but helps reinforce the material HOWEVER, not a good supplemental for exams
Definitely remember to use the textbook as a resource as well. Also take advantage of the tutoring promoted for this course.
learn coding
watch the lectures
Go to lecture.
Just take it!
I would tell them to make sure to put in a lot time and hours into their work. Make sure to not procrasinate and work with other people.
Be proactive and engaged with the material.
To ask as many questions the moment things don't make sense.
study well for the midterm, since there is only one
I would say that future students should always go to lecture as the demos are very helpful.
dont miss any discussions
Attend classes and participate as much as possible.
Do not hesitate!—Xuzheng Chen
Listen during discussion and really understand the coding in the labs and homework. Also ask questions.
Start homeworks early and submit them early for the extra credit, and go to discussion sections.
I would tell them to take full advantage of all the resources and to work on all the assignments early.
Read the textbook and attend lectures and labs.
One piece of advice I would give to another student who is considering taking the course is to ensure that they do ample practice tests and review assignments before the midterms and finals in order to ensure that they are the most prepared as possible.
have fun
Pay attention in lecture, focusing most learning on what professor presents you in class.
I would say to have prior knowledge.
Just keep up with the material
Take a different course
Time management should be a priority and be truly present at lectures.
To know how to manage this class and put time into it, especially if it is their first time coding.
I would tell them to take the homework and the projects seriously. A majority of my learning has been from the hands–on work and really understanding how everything functioned. For example, why does this formula work? Track exactly what the data is doing.
Take time to learn each concept until you fully understand it.
If you like statistics definitely take this course.
The
Finish your assignments early.

Comments
Overall, this is an excellent course. However, if it’s your first time coding, I recommend taking it during a semester when you can plan carefully and dedicate plenty of time to it
Do not fall behind and read the textbook.
Even if you aren't interested in data science or don't have coding experience, this course is really accessible.
Learn the datascience library on python.
n/a
Work on your assignments the day there given
BE EXTRA CAREFUL ABOUT LABS AND HW.
Read the book!! Make notes of the pollev questions and pay attention to lecture.
go to office hours
start assignments early!
Apply to the Data Scholars Lab
I highly recommend attending all lectures and signing up for regular lab as they go into further depth in topics and examples given in the lectures.
Attend all of them. They are all helpful.
Study past midterms.
N/A
start practice tests early
Go to lecture
Do all the extra credit on the homeworks.
Reading the textbook along with watching the lecture really helped me understand the topic.
I would say take clear notes, specially of what you don't understand, so you can ask questions of what you need.
Take regular lab, the lab gsi's helped my friends a lot.
Definitely learn the principles, and also the common code for each topic
Go to every lab possible! I learned so much from Rory and would have done much worse in the course if I had neglected to go to the lab.
Stay on top of assignments: it will add up.
Read the textbook.
Enroll in tutoring and choose regular lab,
go to class
some coding and stats background is nice, but isn't necessary to do well
The advice I would give is to do your assignments in advance and read the textbook very well.
Use all of the resources and be vocal about what you need to be clarified since there are lots of students also taking the class.
Watch lectures before reading text
do ALL HW and Lab Assignments thoroughly until you understand the overarching concept and its application
Attend lab and also lecture, also read the book as it gives a lot of valuable information.
Do all the assignments with the intention of learning from them and not just to get your points. They actually help solidify your understanding and I barely needed to study outside of doing the assignments since they are so effective already.
Make sure you're doing the HW correctly, double check and ask for help in office hours
Actually take time to learn and understand the material being taught in the course, and you will succeed.
Try harder than i did, actually try to understand everything
Take the extra credit
Take advantage of the resources provided on the data8 site.
Make sure to not fall behind
This course is good as an introduction.

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	0.27%
2	0	0.00%
3	4	1.09%
4-Moderately Effective	21	5.72%
5	40	10.90%
6	153	41.69%
7-Extremely Effective	148	40.33%
Statistics		Value
Response Count		367
Mean		6.13
Median		6.00
Standard Deviation		0.94

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?

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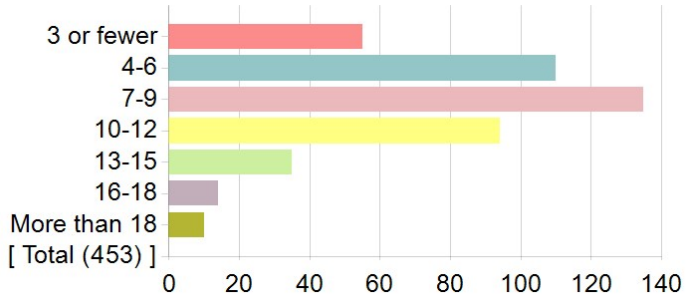
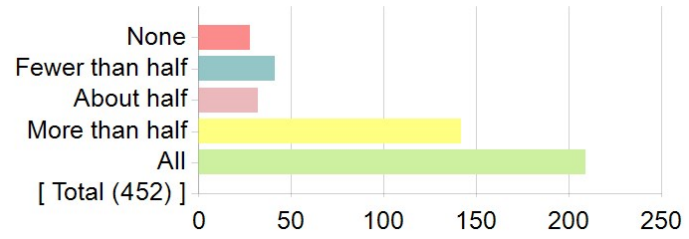


Options	Count	Percentage
3 or fewer	55	12.14%
4-6	110	24.28%
7-9	135	29.80%
10-12	94	20.75%
13-15	35	7.73%
16-18	14	3.09%
More than 18	10	2.21%
Statistics		**Value**
Response Count		453

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

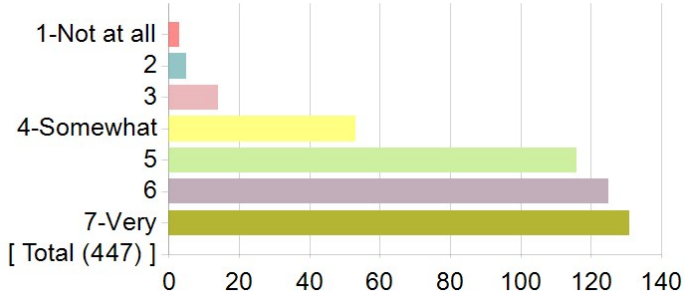
How many class (or section) sessions did you attend?



Options	Count	Percentage
None	28	6.19%
Fewer than half	41	9.07%
About half	32	7.08%
More than half	142	31.42%
All	209	46.24%
Statistics		**Value**
Response Count		452

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	3	0.67%
2	5	1.12%
3	14	3.13%
4-Somewhat	53	11.86%
5	116	25.95%
6	125	27.96%
7-Very	131	29.31%
Statistics		**Value**
Response Count		447