



DATA 11800 4, STAT 11800 4 - Introduction to Data Science I - Instructor(s): William Trimble

Project Title: **College Course Feedback - Autumn 2023**

Number Enrolled: **24**

Number of Responses: **14**

Report Comments

Opinions expressed in these evaluations are those of students enrolled in the specific course and do not represent the University.

Creation Date: **Friday, February 2, 2024**

What are the most important things that you learned in this course? Please reflect on the knowledge and skills you gained.

Comments
matplotlib
I learned about time management and to ask for help
Learning how to analyze data, not even specifically on the data science part but just in general. I learned how to better understand the relationships between things and how to show that through data science.
I learned Python which I think is really important, especially for real-world application.
How to do data science
I learned about the `pandas` and `numpy` Python packages, which are invaluable for number of Python's most common applications. I also learned about some of the statistical tools at the disposal of a data scientist.
coding – how to manipulate dataframes, and using statistical testing to draw conclusions about data
Python syntax, how to analyze data frames, probability of binomial events
Data manipulation and visualization using pandas. Hypothesis testing, estimation, and construction of confidence interval using computational methods such as bootstrapping and permutation test.
How to code in python

Describe how aspects of this course (lectures, discussions, labs, assignments, etc.) contributed to your learning.

Comments
labs
lectures were not very useful, labs and homeworks are definitely what helped the most
The homeworks helped me figure out how to solve complex problems that I would have been lost on otherwise.
Lectures and labs
The lectures introduced content, both Python syntax and statistical methods and their practical implementation. Assignments challenged me to employ the topics from lecture.
lectures weren't great. kind of felt like he was talking to himself with his screen projected. one homework per week.
lectures were not very helpful for homework and the labs were not as well however the homeworks are insightful

Please respond to the following:

	Mean	Median	Strongly Disagree	Disagree	Neutral	Agree	Strongly Agree
This course challenged me intellectually.	4.38	5.00	7.69%	0.00%	0.00%	30.77%	61.54%
I understood the purpose of this course and what I was expected to gain from it.	3.62	4.00	15.38%	7.69%	15.38%	23.08%	38.46%
I understood the standards for success on assignments.	3.77	4.00	7.69%	15.38%	7.69%	30.77%	38.46%
Class time enhanced my ability to succeed in graded assignments.	2.54	2.00	38.46%	23.08%	7.69%	7.69%	23.08%
I received feedback on my performance that helped me improve my subsequent work.	3.15	3.00	7.69%	38.46%	7.69%	23.08%	23.08%
My work was evaluated fairly.	3.85	4.00	7.69%	7.69%	7.69%	46.15%	30.77%
I felt respected in this class.	4.08	4.00	7.69%	0.00%	7.69%	46.15%	38.46%
Overall, this was an excellent course.	3.00	3.00	7.69%	30.77%	23.08%	30.77%	7.69%

Additional comments about the course:

Comments
not quite clear
Personally, I struggled a lot in this class because of the statistics side. It said that it was recommended that you take stats before taking this class but not required so I signed up while I had never done any stats class before. This proved extremely challenging as a majority of the class was statistics based and I pretty much had to teach myself everything. It annoyed me a little bit because I feel as though it should say that you had to have taken stats because I don't see how anyone can thrive if they have not.
the course is for people with no prior coding knowledge... everyone comes in with coding knowledge.

I would recommend this course to:

	No	Yes
Highly-motivated and well-prepared students	7.69%	92.31%
Anyone interested in the topic	38.46%	61.54%

Thinking about your time in the class, what aspect of the instructor's teaching contributed most to your learning?

Comments
lecture ppt
When he was going over labs in class, giving a detailed step by step
Being passionate, it wasn't boring to listen to.
Lectures
The examples brought up in lecture were always relevant and helpful with the assignments and representative of the expectations for the class.
...
he made plenty of availability for office hours
His slides were engaging to some extent.
Honestly only his office hours were very helpful

What could the instructor modify to help you learn more?

Comments
talk more clearly
The notes are not very helpful, making time in class more useful
Explain things more
I think the instructor could spend more time on teaching more Python as it was very difficult learning the actual coding portion as a beginner.
It would have been helpful to have a more organized progression of topics, as it was organized it was sometimes a little jarring when we shifted topics.
organise canvas slides more clearly – it would make sense to have one notebook that we work on per week. maybe explain at the beginning of class what we're attempting to learn in that session. make the code more clear for what we're trying to do.
Teach content more related to homework assignments and projects, gauge difficulty of homework assignments better in relation with in-class lectures, make lectures more engaging in some way, give students a better sense of content to be covered in the final through practice finals
The professor is approachable, but at times a bit unclear and diverges.
He could lecture on topics that apply to what we actually do in homework and our exam

The Instructor . . .

	Mean	Median	Strongly Disagree	Disagree	Neutral	Agree	Strongly Agree	N/A
Organized the course clearly.	3.00	3.00	15.38%	15.38%	30.77%	15.38%	15.38%	7.69%
Presented lectures that enhanced your understanding.	2.83	3.00	15.38%	23.08%	30.77%	7.69%	15.38%	7.69%
Facilitated discussions that were engaging and useful.	2.45	2.00	23.08%	23.08%	23.08%	7.69%	7.69%	15.38%
Stimulated your interest in the core ideas of the course.	2.67	3.00	30.77%	0.00%	38.46%	15.38%	7.69%	7.69%
Challenged you to learn.	3.67	4.00	15.38%	0.00%	15.38%	30.77%	30.77%	7.69%
Helped you gain significant learning from the course content.	3.67	4.00	7.69%	7.69%	15.38%	38.46%	23.08%	7.69%
Was available and helpful outside of class.	4.00	4.00	7.69%	0.00%	7.69%	46.15%	30.77%	7.69%
Motivated you to think independently.	3.75	4.00	7.69%	0.00%	23.08%	38.46%	23.08%	7.69%
Worked to create an inclusive and welcoming learning environment.	3.33	3.50	15.38%	15.38%	15.38%	15.38%	30.77%	7.69%
Overall, this instructor made a significant contribution to your learning.	3.17	3.50	15.38%	15.38%	15.38%	30.77%	15.38%	7.69%

Please include the name of the TA/CA/Intern you are evaluating. What aspects of the TA's teaching contributed most to your learning? What could the TA modify to help you learn more? Please include any additional feedback for the TA/CA/Intern.

Comments
clear
Emily Tong. She was helpful in office hours if you have questions about your code.
Emily Tong

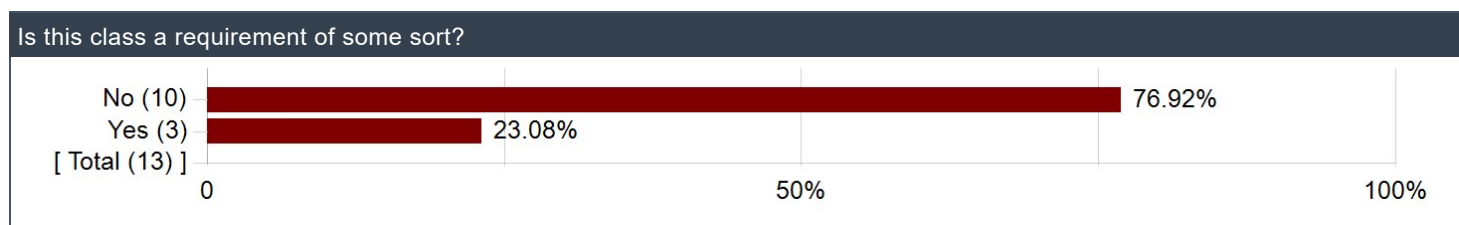
The TA/CA or Intern. . .

	Mean	Median	Strongly Disagree	Disagree	Neutral	Agree	Strongly Agree	N/A
Facilitated discussions that supported your learning.	4.50	4.50	0.00%	0.00%	0.00%	25.00%	25.00%	50.00%
Gave you useful feedback on your work.	4.00	4.00	0.00%	0.00%	25.00%	25.00%	25.00%	25.00%
Stimulated your interest in the core ideas of the class.	4.33	4.00	0.00%	0.00%	0.00%	50.00%	25.00%	25.00%
Challenged you to learn.	4.00	4.00	0.00%	0.00%	25.00%	25.00%	25.00%	25.00%
Helped you succeed in the class.	4.00	4.00	0.00%	0.00%	25.00%	25.00%	25.00%	25.00%
Was available and helpful outside of class.	4.00	4.00	0.00%	0.00%	20.00%	40.00%	20.00%	20.00%
Overall, this individual made a significant contribution to your learning.	4.00	4.00	0.00%	0.00%	25.00%	25.00%	25.00%	25.00%

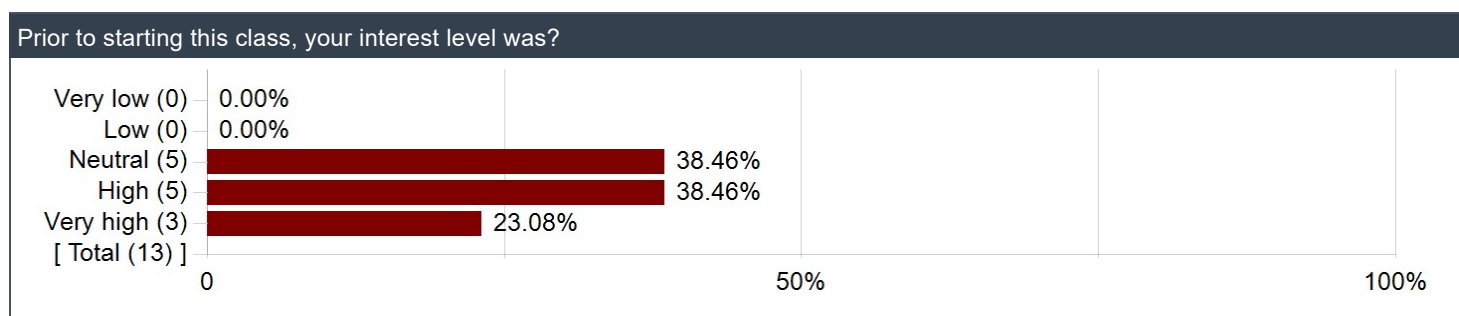
How much did the following elements of the course contribute to your learning gains?

	Mean	Median	No Gain	A Little Gain	Moderate Gain	Good Gain	Great Gain	N/A
Laboratory Experience	1.00	1.00	100.00%	0.00%	0.00%	0.00%	0.00%	0.00%
Field Trips	N/A	N/A	0.00%	0.00%	0.00%	0.00%	0.00%	100.00%
Library Sessions	N/A	N/A	0.00%	0.00%	0.00%	0.00%	0.00%	100.00%
Review Sessions	N/A	N/A	0.00%	0.00%	0.00%	0.00%	0.00%	100.00%
Writing Seminars	N/A	N/A	0.00%	0.00%	0.00%	0.00%	0.00%	100.00%

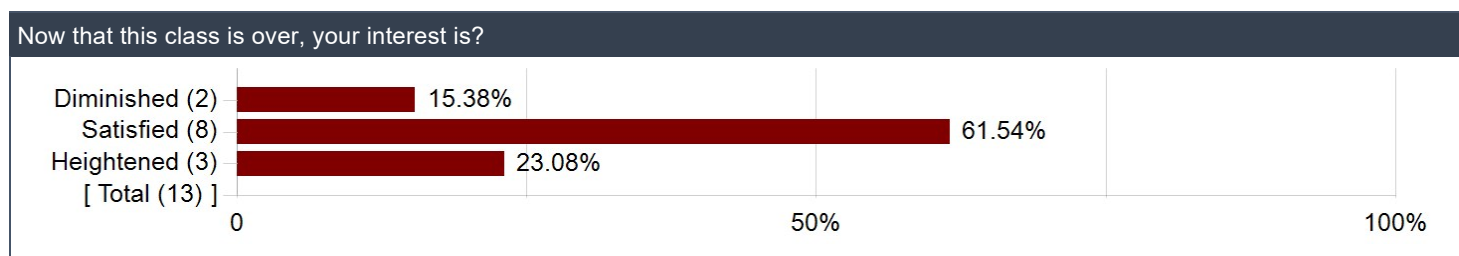
Is this class a requirement of some sort?



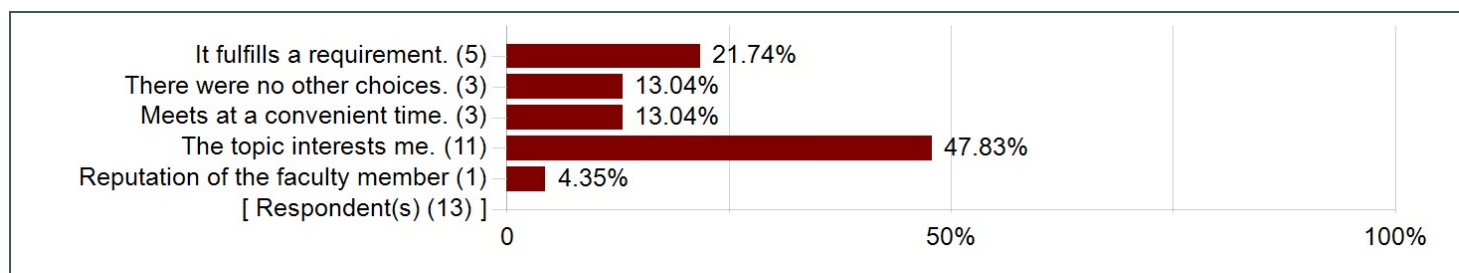
Prior to starting this class, your interest level was?



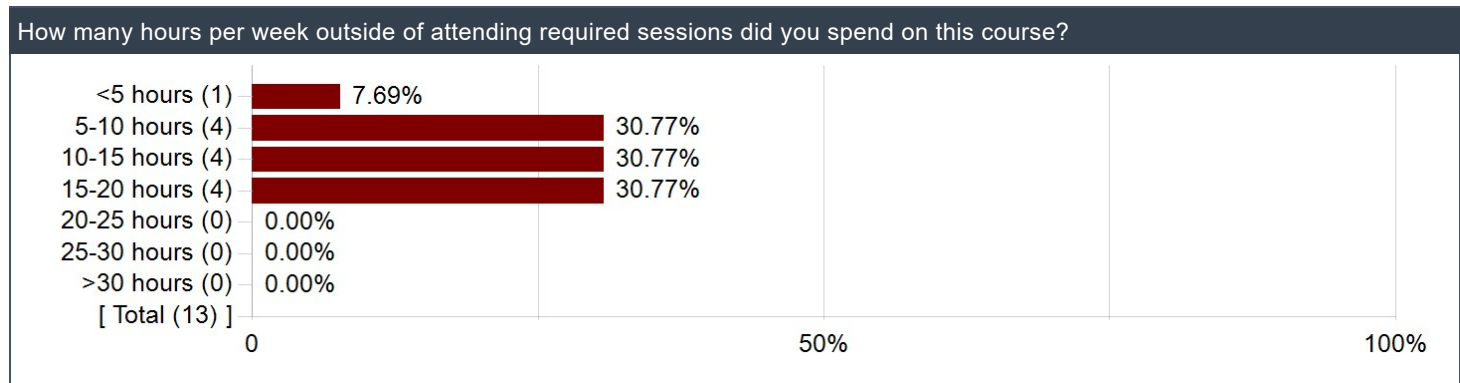
Now that this class is over, your interest is?



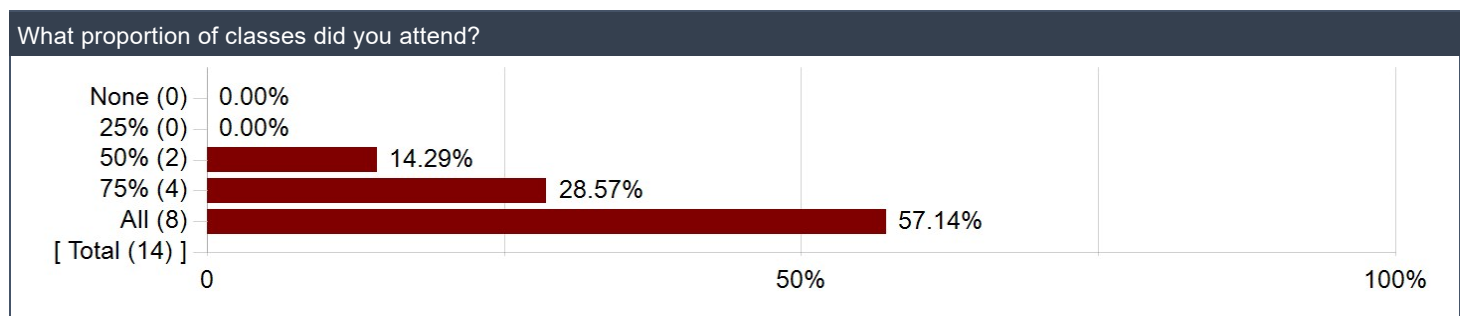
Why did you choose to take this course? (Select all that apply)



How many hours per week outside of attending required sessions did you spend on this course?



What proportion of classes did you attend?



Please comment on the level of difficulty of the course relative to your background and experience.

Comments
difficult
I thought I had experience in this course, but definitely did not have enough. I don't believe this course is made for no experience, as it is pretty difficult.
The level of difficulty was extreme because of my lack of statistics ability
I had very little background and coding was very new to me. If you do not know how to code coming in, this course definitely requires you to learn on your own time because very little of the coding process is actually taught in class. Class is more dedicated to teaching the topics that you then have to apply yourself in code form.
I have quite a bit of background, but I think the course would have been fair even if I did not have that experience.
course assumes no coding knowledge – didn't come in with any, i think most other people did. i found it hard and was lost for most of it. ended up teaching myself for the most part.
Decently difficult without prior coding (Python specifically) experience, but doable with enough effort put into weekly homework assignments and readings outside of class.
Could be more work for those without prior programming experience
I feel I had a somewhat coding background and that helped but overall you need a statistics background for the course content