



DATA 11800 1, STAT 11800 1 - Introduction to Data Science I - Instructor(s): William Trok

Project Title: **College Course Feedback - Winter 2024**

Number Enrolled: **61**

Number of Responses: **23**

Report Comments

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

Creation Date: **Thursday, March 28, 2024**

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

Comments
Introductory python and pandas functions.
I learned a lot about python and how to use the computer as a way to help in analysis
How to code and interpret data
I learned how to do basic Python for stat
Familiarity with using pandas. Using python to perform statistical operations.
How to use statistics in python to manipulate data to find relationships
Using DataFrames in Python, making basic visualizations
coding and statistics.
I actually understand a lot of statistical analysis concepts now which is so cool
Numpy, Pandas, how to work with data and do meaningful things with them
I learned a bunch of statistics and data science concepts and I gained a really good base of knowledge of how to calculate and demonstrate these in Python.
coding python. honestly its cool i kinda know how to code a little now, statistics (hypthesis testing, probability)
Python!
How to work with Dataframes in python
basic python skills, statistics, bootstrapping
python fundamentals
Coding and analyzing data.
How to carry out statistical methods with pandas.
The way that we look at and present data is important in wanting to find trends and the relationships between different variables.
python, basic probability, data science

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

Comments
The lectures and homeworks really touched on everything you needed to know while the labs were nice for an extension
Lectures, assignments, labs
The lectures were helpful at introducing content and the assignments were good for getting practice with the content.
The office hours were of help.
It was a lot of info dumping with some practice throughout the labs
very organized lectures and homework
Lectures were very helpful along with the optional labs! The homework assignments were not too difficult and really helped me understand everything! The ed discussions also were helpful whenever I had any questions.
Lectures were very helpful. The professor made sure to explain things well and was always eager to answer questions
Lectures were very helpful, with interactive coding parts, where you could practice the concepts we learned. Labs were optional, but very helpful, because they were almost an intermediate difficulty between the lecture concepts and the homeworks, and helped me gain more confidence coding.
lectures – helpful yet in the statistics area it was pretty scattered + ap stat taught these concepts more clearly and organized and easier to learn + understand because the lectures kind of skipped over linking ideas + facts to understanding what is happening
This was an extremely well organized class. The lectures were very detailed and comprehensive. The labs were wonderful and great examples to follow.
homework assignments were very good, lecture notes were also very good
I enjoyed the TA hours and the midterm project. the homeworks were also useful
Lectures, homework, and labs combined well to enhance my learning.
The HWs and lab assignments were both very helpful to me.
The homework assignments allowed us to put everything we learned into practice.
lectures

Please respond to the following:

	Mean	Median	Strongly Disagree	Disagree	Neutral	Agree	Strongly Agree
This course challenged me intellectually.	4.20	4.50	0.00%	5.00%	20.00%	25.00%	50.00%
I understood the purpose of this course and what I was expected to gain from it.	4.75	5.00	0.00%	0.00%	5.00%	15.00%	80.00%
I understood the standards for success on assignments.	4.45	5.00	0.00%	0.00%	10.00%	35.00%	55.00%
Class time enhanced my ability to succeed in graded assignments.	4.60	5.00	0.00%	0.00%	0.00%	40.00%	60.00%
I received feedback on my performance that helped me improve my subsequent work.	4.15	4.00	0.00%	5.00%	20.00%	30.00%	45.00%
My work was evaluated fairly.	4.25	4.00	0.00%	5.00%	10.00%	40.00%	45.00%
I felt respected in this class.	4.50	5.00	0.00%	0.00%	5.00%	40.00%	55.00%
Overall, this was an excellent course.	4.45	4.50	0.00%	0.00%	5.00%	45.00%	50.00%

Additional comments about the course:

Comments
Best organized computer science related course Ive taken here
Very well designed
fast pace for students who have not coding background
i liked the midterm project quite a lot, was more effective for learning than an exam would have been
I think you should be allowed to use CS 142 instead of this class for the Data Science minor as the two classes have a lot of overlap.

I would recommend this course to:

	No	Yes
Highly-motivated and well-prepared students	5.00%	95.00%
Anyone interested in the topic	0.00%	100.00%

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

Comments
He's definitely very passionate which helped with attention
Lectures
His lecture was aligned with the notes so it was easy to follow along.
The instructor is motivated to teach and he gives time for students to interact with other classmates.
The examples the instructor uses are useful
very good instructor. knows what he's doing and proceed smoothly. audible.
He gave us time to work through exercises in class, then answered the exercises on his computer on the board, which I thought was great for confirming your solution or highlighting something you didn't understand and should go back and look at.
lectures– when he took time to not only read off the slides but explain little things +bridges that we couldn't understand
Professor Trok was great and provided helpful office hours. He went through concepts throughout class in a comprehensible manner and gave us many examples to try ourselves.
Definitely the lecture notes and walking through them
Dr. Trok is a good lecturer and seems like a nice guy. Also, the class and homework assignments were very well–organized.
The interactive lectures allowed us to practice what would be on the homework eventually.

What could the instructor modify to help you learn more?

Comments
There were times that it went too fast so I would've appreciated maybe a class or two where we summarize what we had learned and how it all comes together
nothing
Provide recordings of lectures so I can catch up if I missed class.
Perhaps beginning with the class with a 5min review can help refresh any topics that were unclear from previous class.
To elaborate the programming aspect of the lesson
there does not need to be that much work time for mini assignemnts/practices in class
Going slower during the later lectures
Sometimes I felt like lectures moved too fast, and other times too slow, so maybe having a more consistent pace, but other than that no much, Prof Trok was great.
maybe read off the slides less + even make it more discussion so people are not afraid to ask questions
I think he did great.
Nothing, I thought he did a good job
I think the grading on the homework assignments was unusually harsh – I had a lot of points taken off for small errors.
I think that making the midterm project a little more guided would be beneficial. Just giving us somewhere to start instead of leaving it relatively open-ended

The Instructor . . .

	Mean	Median	Strongly Disagree	Disagree	Neutral	Agree	Strongly Agree	N/A
Organized the course clearly.	4.70	5.00	0.00%	0.00%	0.00%	30.00%	70.00%	0.00%
Presented lectures that enhanced your understanding.	4.70	5.00	0.00%	0.00%	0.00%	30.00%	70.00%	0.00%
Facilitated discussions that were engaging and useful.	4.25	4.50	0.00%	5.00%	10.00%	25.00%	40.00%	20.00%
Stimulated your interest in the core ideas of the course.	4.45	5.00	0.00%	0.00%	10.00%	35.00%	55.00%	0.00%
Challenged you to learn.	4.45	4.50	0.00%	0.00%	5.00%	45.00%	50.00%	0.00%
Helped you gain significant learning from the course content.	4.55	5.00	0.00%	0.00%	0.00%	45.00%	55.00%	0.00%
Was available and helpful outside of class.	4.65	5.00	0.00%	0.00%	5.00%	20.00%	60.00%	15.00%
Motivated you to think independently.	4.40	5.00	0.00%	0.00%	15.00%	30.00%	55.00%	0.00%
Worked to create an inclusive and welcoming learning environment.	4.72	5.00	0.00%	0.00%	0.00%	26.32%	68.42%	5.26%
Overall, this instructor made a significant contribution to your learning.	4.65	5.00	0.00%	0.00%	0.00%	35.00%	65.00%	0.00%

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
I never really worked with the TAs...
Abby
Nico, Anna, Abby
Jihee and Nico
jihee was helpful and kind

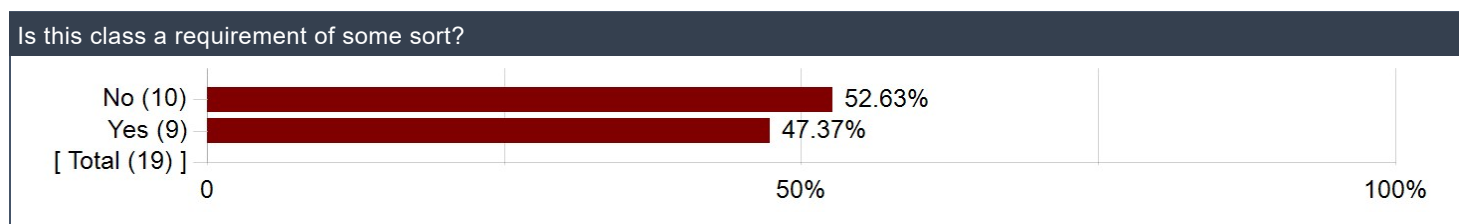
The TA/CA or Intern. . .

	Mean	Median	Strongly Disagree	Disagree	Neutral	Agree	Strongly Agree	N/A
Facilitated discussions that supported your learning.	4.60	5.00	0.00%	0.00%	0.00%	28.57%	42.86%	28.57%
Gave you useful feedback on your work.	4.50	4.50	0.00%	0.00%	0.00%	42.86%	42.86%	14.29%
Stimulated your interest in the core ideas of the class.	4.50	4.50	0.00%	0.00%	0.00%	42.86%	42.86%	14.29%
Challenged you to learn.	4.50	4.50	0.00%	0.00%	0.00%	42.86%	42.86%	14.29%
Helped you succeed in the class.	4.67	5.00	0.00%	0.00%	0.00%	28.57%	57.14%	14.29%
Was available and helpful outside of class.	4.67	5.00	0.00%	0.00%	0.00%	28.57%	57.14%	14.29%
Overall, this individual made a significant contribution to your learning.	4.67	5.00	0.00%	0.00%	0.00%	28.57%	57.14%	14.29%

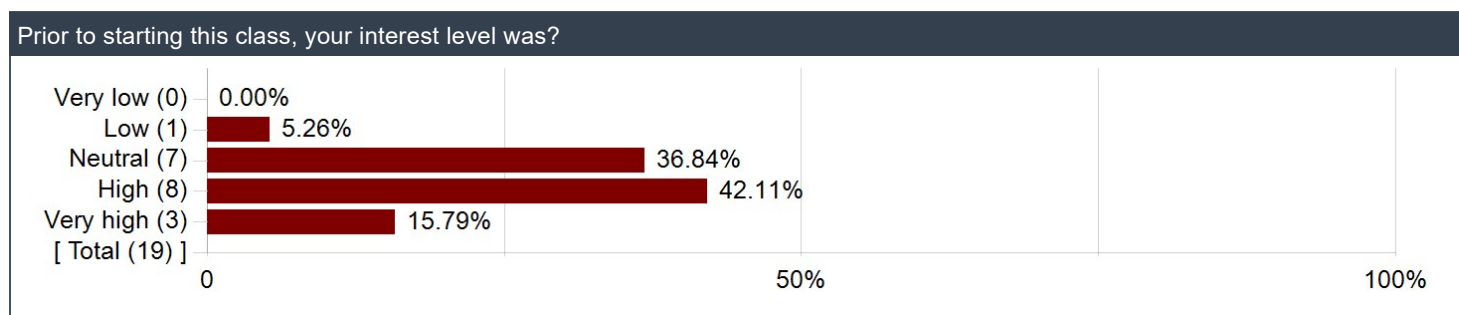
How much did the following elements of the course contribute to your learning gains?

	Mean	Median	No Gain	A Little Gain	Moderate Gain	Good Gain	Great Gain	N/A
Laboratory Experience	3.00	3.00	0.00%	0.00%	50.00%	0.00%	0.00%	50.00%
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	4.00	4.00	0.00%	0.00%	0.00%	50.00%	0.00%	50.00%
Writing Seminars	N/A	N/A	0.00%	0.00%	0.00%	0.00%	0.00%	100.00%

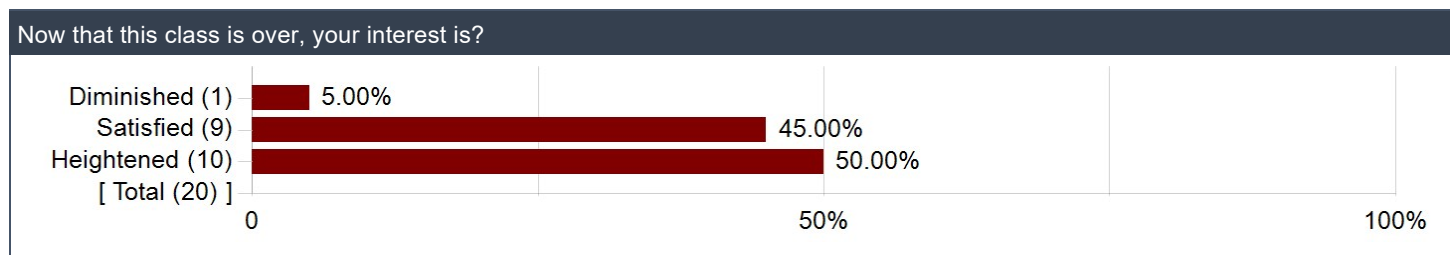
Is this class a requirement of some sort?



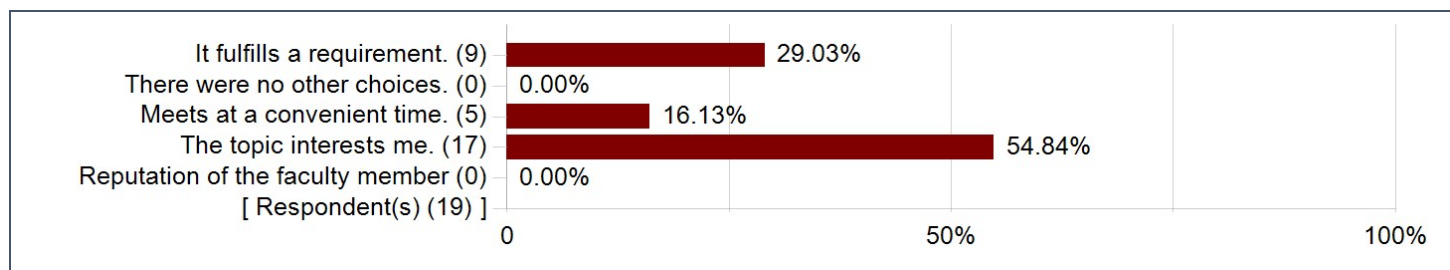
Prior to starting this class, your interest level was?



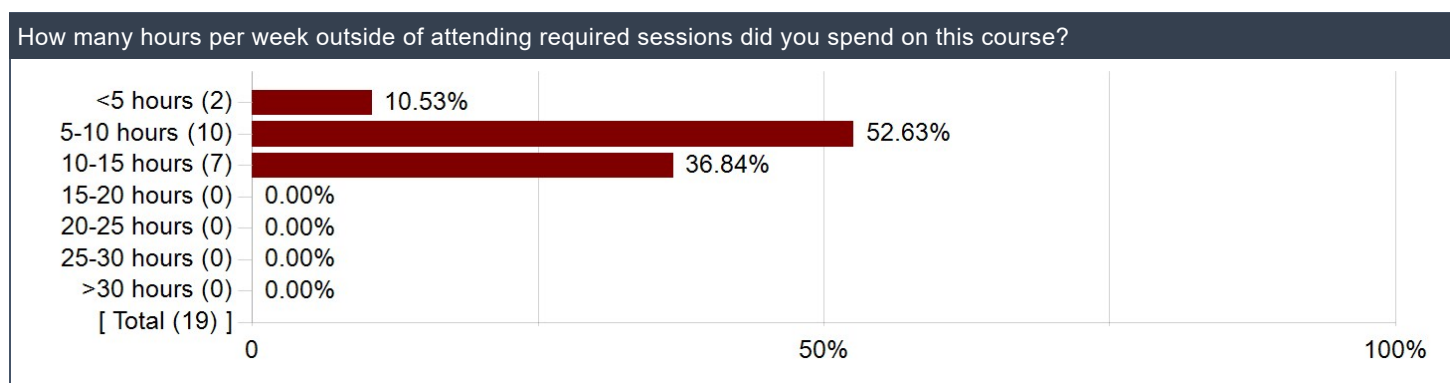
Now that this class is over, your interest is?



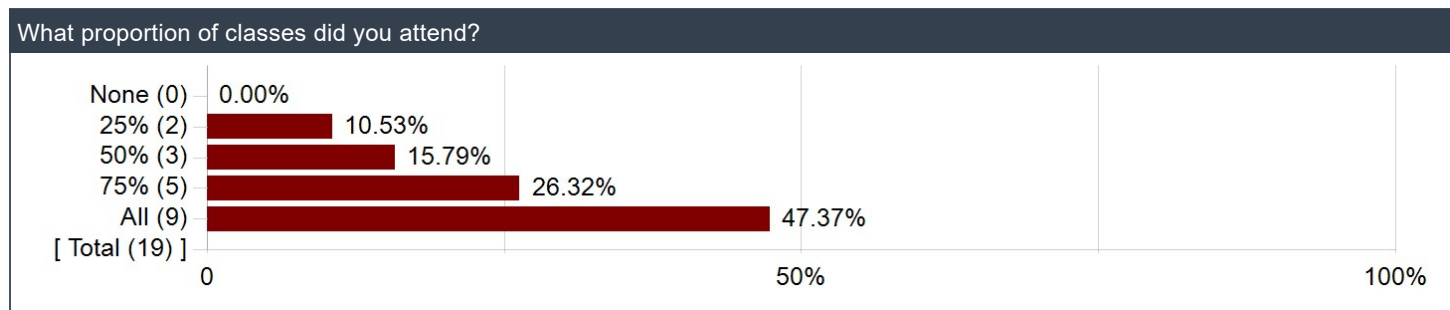
Why did you choose to take this course? (Select all that apply)



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
I had experience in stats but not coding so I had to work hard to understand the coding aspect
Not easy
I have experience in Java so it was easy to learn Python since most concepts worked the same way.
This class is manageable for an intro class. Would prob be helpful if you have experience with some statistics or programming
The programming was difficult to learn with, having no background experience, but I was able to better implement it
Pretty easy if you already have CS/Stat experience. I would recommend taking it as a MATH/STAT requirement for the BS in CS
have zero back ground in coding and stat but still somehow managed to survive with the lectures and TA's kindness
As someone with no prior coding experience, I found the content of the class to be very accessible
I had some coding knowledge coming into this class, and it made it extremely easy for me to pick up on the techniques we learned, but I don't think it would be too hard if you didn't have any background. I also had some statistics knowledge, which again was beneficial but not necessary. I think this is a very good beginner course.
i never coded ever like absolutely no background. i put in a decent amt of work like 10–15 hours going to most office hours, it takes time to look over lectures again, do the lab—so useful for learning i feel like it teaches you better than the lecture, and hw assignments were around 5–7 hours. it was doable don't be scared to take it with no code experience. like it really wasn't terrible just a medium–hard class for non coders.
Not too difficult, but lots of useful knowledge
Easy for someone who has had a lot of prior statistics/CS experience.
You don't need any type of background to take this course.