

Note: One student removed from evaluations due to apparent reverse coding of responses (answered all 1s for Q2, but then said in comments "I love the class materials and real world dataset – maybe we can practice by datasets in more areas, not only social sciences" and provided top marks in other sections.

Q2 - Please indicate your level of agreement with the following statements regarding the IDS 690-02

	Mean	SD	Min	Max	Count
The course objectives were clear.	4.76	0.51	3	5	28
The readings were clear and appropriate.	4.83	0.47	3	5	28
The assignments were appropriate.	4.69	0.6	3	5	28
The assignments were appropriate for group work.	4.76	0.58	3	5	28
Grading was fair, appropriate, and consistent.	4.83	0.47	3	5	28
This course increased my interest in the subject.	4.76	0.58	3	5	28
This course increased my knowledge in the subject.	4.76	0.58	3	5	28

Q6 - Please provide any explanations for the responses about IDS 690-02, especially if you indicated disagree or strongly disagree.

I felt that although that the initial pace was a little slow, I really appreciated the outset goals of the class to making the student more comfortable with dealing with external data.

The professor devoted a lot of effort in organizing and delivering important material to gain from basic to medium level of comfort when dealing with python and git overall.

This course greatly helped my technical skills in Python and in answering real -world questions.

Very well structured course! Impressive for the first year.

I went from hardly knowing python to really being comfortable to code. I was really happy with the code I wrote for the midterm; I could really see my progress.

Great course, some of the in-class assignments were a little confusing even with the reading but there are growing pains since this is a new class and I think overall nick did an amazing job

this course is great

pretty well-designed course

Q3 - Please rate your level of agreement with the following statements regarding the professor of IDS 690-02

	Mean	SD	Min	Max	Count
The professor demonstrated knowledge of the subject matter.	4.86	0.44	3	5	28
The professor was effective in communicating course content.	4.86	0.44	3	5	28
The professor was organized and well prepared.	4.86	0.44	3	5	28

The professor encouraged feedback from the class.	4.86	0.44	3	5	28
The professor showed genuine concern for me.	4.86	0.44	3	5	28
The professor was enthusiastic about the course.	4.86	0.44	3	5	28
					28

Q4 - Please provide any explanations for the responses about IDS 690-02 and professor for that course, especially if you indicated disagree or strongly disagree.

Nick was very attentive in reading the pulse of the students, and for a few classes would decide to scrap the class and rework the assignment so that students would learn the class better.

Nick is a great professor, I am looking forward to his elective next term.

Nick was extremely knowledgeable and helpful

Very knowledgable and friendly.

I love the class materials and the real world dataset. Maybe we can practice by dataset from more areas, not only from social science field.

He is a great professor.

Nick was very knowledgeable, a true legend

Professor is super nice

Q5 - Please indicate your overall rating of IDS 690-02 components.

	Mean	SD	Min	Max	Count
Assignments	4.59	0.68	3	5	28
Texts / Readings	4.72	0.59	3	5	28
Group Work	4.62	0.69	3	5	28
Exams	4.62	0.74	3	5	21
Professor	4.86	0.44	3	5	28
TAs and other teaching supports	4.53	0.74	3	5	15
My effort as a student	4.52	0.69	3	5	28
Overall course	4.79	0.49	3	5	28

Q7 - Please provide any explanations for the responses above, especially if you indicated poor or fair.

I feel like the beginning of the class could be more fast paced, and maybe more long term projects. the midterm project was a good one, and if we could have more multi-class projects that help reinforce the skills that we learn in class, that would help the concepts stick.

Coming from a background without much experience programing or coding experience, this course provide me enough basis to continue elaborating as the MIDS program develops.

Sometimes the assignments and readings weren't entirely clear, but overall this course was very well taught and Nick was fantastic.

Very rigorous and complete methodology.

The assignments were excellent

Q8 - On average, how many hours per week did you spend on IDS 690-02 out of class?

Q9 - Would you recommend this course to other students?

Mean	SD	Min	Max	Count
4.89	0.31	4	5	28

Q10 - Based on your experience in IDS 690-02, how much do you feel that you have improved in the following areas?

	Mean	SD	Min	Max	Count
Technical skills (e.g., coding in Python)	3.93	0.26	3	4	28
Mathematical / statistical skills and knowledge	3.15	0.53	2	4	27
Domain knowledge (e.g., economics, medical studies, engineering)	3.28	0.66	2	4	28
Working in teams of people with a variety of skills and backgrounds	3.82	0.39	3	4	27
Giving and receiving feedback	3.68	0.55	2	4	28
Collaborative problem solving	3.86	0.36	3	4	28
Ability to serve as a leader	3.52	0.51	3	4	27
Applying technical, mathematical, statistical, and domain knowledge to real analysis problems	3.75	0.44	3	4	28

Q11 - Is there anything else you would like the professor of IDS 690-02 to know?

I think that a few improvements can be made. this information was captured above but I'm just summarizing it here:

1. increased pace at the beginning. the first few classes were a bit rudimentary and I was concerned that I wasn't going to get much out of the class, although I did get a lot out of the class.

2. i really enjoyed the team project would would have loved to have some more in-depth projects that were somewhere between that level of work and the in-class assignment to help drive home the concepts. i guess that would be homework?

3. as you are probably aware, there were a number of students, primarily non-MIDS students who were pretty ineffective and ended up not being very helpful on the projects. they were not in my group for the team project, but every week i would dread being matched up with them. i understand that we are all at different skill levels for python, but they would not ever attempt the assignment and just sit there and use their phone while i did the assignment by myself. others would be worse.

Appreciate the effort nick put into developing and updating course materials (including the website). Also taking the time to adjust content, provide feedback, and be flexible on due dates, considering that students have also other deadlines. I am looking forward to his elective next term.

Thanks for a great class

I really appreciated the usage of real world data in the class. Additionally, the fact that all of the exercises were created for this course was impressive. The exercises seemed to anticipate exactly where my hang ups would be with whatever we were working with. Have the opportunity to fail (with the expectation of failure) allowed me to learn from those mistakes. I now can write code without freaking out about it not working immediately. The course was effective in identifying where python deviates from how I think it should work and showing me the differences.

Thank you so much for this class. Extremely competent teaching. I wish we had more lectures though. Maybe on some of the less hands-on topics we could have some seminary-like lecture and discussion quickly at the beginning of class?

The website is excellent though.

Maybe we could get some discussions on some political science viewpoints that accompany the data i.e. after doing the diplomas affecting earnings talk a little about it as a data science project.

I think maybe we can handle a little more homework . The professor has been too kind to us. :)

This is a great class, I loved the flipped classroom design. I learned so much, and very painlessly. A great course overall.

Professor Eubank is an excellent instructor. Beyond his understanding of python and its implementation within data science, he genuinely cares about his students and their learning. I feel that his class should be a part of the core curriculum rather than an elective. As a 2nd year who's been through the extent of the core curriculum, it would have been heavily beneficial to the second semester core classes.

You rock and I'm excited to take your second course. I now feel confident in python, more so than in R
Great job, thank you Nick!

10_Q12 - Is there anything else you would like the MIDS program to know about this course?

I really like Nick as a professor and would have loved if he taught our bootcamp or our Data To Decision class. I think his style, knowledge background and teaching methods would be very well suited for both.

MIDS should have considered TA's on this topic.

This is THE ONE course which made MIDS worthwhile so far. Absolutely brilliant! I would definitely do it again!
It is the one course where I am confident I learned enough to justify Duke.

This being said, I think its important to mention that the ONLY reason why I will not take prof. Nick's other class is because we have so few electives. I am sure that I would love the class, and that I would learn a lot. However, since we can only take 4 electives, I feel it is too much to spend 50% of those in a single professor, no matter how good the professor is. But it's been a tough decision, because I would love to take prof. Nick's other course.

To counter this problem, I've asked prof. Nick to become his RA. My intentions with it are clear: I feel I still have lots to learn from prof. Nick and I want to learn it. But I can't spend an elective. So I've asked to become an RA to continue learning as much as I can from prof. Nick.

By learning, I mean not only the technical stuff. I also mean the project and people managing skills, which prof. Nick also showed to master.

I know mine is a very enthusiastic compliment, but I honestly believe it is well deserved.

This course was well-structure and taught. The flipped classroom style greatly helped for learning this material
:)

Great course, Nick is fantastic. He runs laps around Drew. The mindset in MIDS needs to be precious and this is obviated by the wide gap in competence between MIDS teachers and non-MIDS. I don't know how I feel about the non-Mids in class. At least it made me feel I'm in a better program for what I want.

I think this course is a good example of how to equip students with not only the knowledge we suppose to know but also how to apply it to the real world problem. And if all the topics can go deeper, it would be much better. (I know because of the divergent background of students in MIDS, it would be hard to achieve though)

Please have more courses like this- flipped classrooms I think are the best way to learn most of these subjects. Actually doing the assignments with the professor's guidance and reading before class is a great way to learn.

This should be a core class instead of an elective.

Get nick some TAs maybe
nope!