Emory University: Emory College of Arts and Sciences
ECAS Course Evaluations (Sp 2021)

Course: QTM-350-1: Data Science Computing - Spring 2021
Instructor: Jeremy Jacobson *
Response Rate: 36/53 (67.92 %)

1 - Percentage of classes you did NOT attend (whether on-campus or synchronous/online).

Response Option	Weight	Frequency	Percent	Percent Responses	Means
0%	(1)	6	16.67%		
1-5%	(2)	7	19.44%		
6-10%	(3)	4	11.11%		
11-15%	(4)	2	5.56%		
16-20%	(5)	3	8.33%		
21-25%	(6)	3	8.33%		
26-30%	(7)	2	5.56%		
31-40%	(8)	1	2.78%		
41-50%	(9)	2	5.56%		
51-60%	(10)	3	8.33%		
61-80%	(11)	1	2.78%		
81-99%	(12)	2	5.56%		
				0 25 50 100	

Response Rate
36/53 (67.92%)

2 - You are taking this course (select all that apply):

Response Option	Weight	Frequency	Percent	Percent Responses
To complete a General Education Requirement	(1)	3	8.33%	
For your major/minor	(2)	32	88.89%	
As a prerequisite for another course	(3)	1	2.78%	
As a pre-professional requirement	(4)	6	16.67%	
Because you are interested in the subject	(5)	15	41.67%	

Response Rate	36/53 (67.92%)

3 - Your expected grade:

Response Option	Weight	Frequency	Percent	Percent Responses	Means
A	(1)	22	61.11%		
A-	(2)	9	25.00%		
B+	(3)	2	5.56%		
B	(4)	1	2.78%		
B-	(5)	0	0.00%		
C+	(6)	0	0.00%		
C	(7)	0	0.00%		
C-	(8)	0	0.00%		
D+	(9)	0	0.00%		
D	(10)	0	0.00%		
S	(11)	2	5.56%		
U	(12)	0	0.00%		
				0 25 50 100	

Response Rate
36/53 (67.92%)

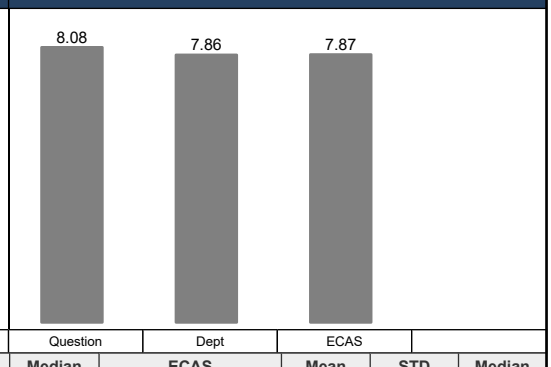
Emory University: Emory College of Arts and Sciences
ECAS Course Evaluations (Sp 2021)

Course: QTM-350-1: Data Science Computing - Spring 2021
Instructor: Jeremy Jacobson *
Response Rate: 36/53 (67.92 %)

4 - Please respond to the following questions focused on the instructor, Jeremy Jacobson. -

How well organized was the class?

Response Option	Weight	Frequency	Percent	Percent Responses	Means
1 (Not at all)	(1)	0	0.00%		
2	(2)	0	0.00%		
3	(3)	0	0.00%		
4	(4)	1	2.78%		
5 (Somewhat)	(5)	1	2.78%		
6	(6)	3	8.33%		
7	(7)	4	11.11%		
8	(8)	7	19.44%		
9 (Very)	(9)	20	55.56%		
N/A	(0)	0	0.00%		

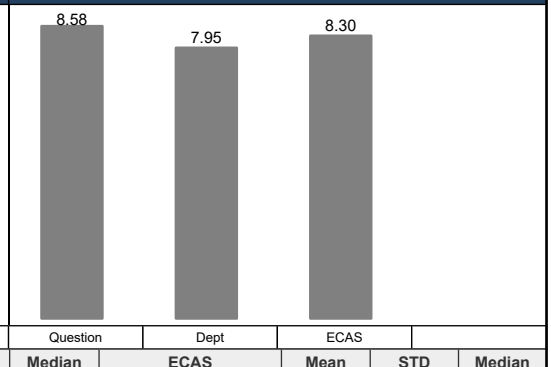


Response Rate	Mean	STD	Median	Dept	Mean	STD	Median	ECAS	Mean	STD	Median
36/53 (67.92%)	8.08	1.32	9.00	1145	7.86	1.56	9.00	16775	7.87	1.66	9.00

4 - Please respond to the following questions focused on the instructor, Jeremy Jacobson. -

Was the instructor enthusiastic about the material?

Response Option	Weight	Frequency	Percent	Percent Responses	Means
1 (Not at all)	(1)	0	0.00%		
2	(2)	0	0.00%		
3	(3)	0	0.00%		
4	(4)	0	0.00%		
5 (Somewhat)	(5)	0	0.00%		
6	(6)	1	2.78%		
7	(7)	3	8.33%		
8	(8)	6	16.67%		
9 (Very)	(9)	26	72.22%		
N/A	(0)	0	0.00%		

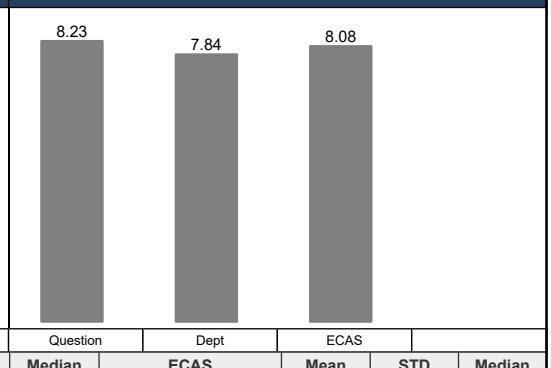


Response Rate	Mean	STD	Median	Dept	Mean	STD	Median	ECAS	Mean	STD	Median
36/53 (67.92%)	8.58	0.77	9.00	1145	7.95	1.57	9.00	16775	8.30	1.35	9.00

4 - Please respond to the following questions focused on the instructor, Jeremy Jacobson. -

How concerned was the instructor with what students learned from the course?

Response Option	Weight	Frequency	Percent	Percent Responses	Means
1 (Not at all)	(1)	0	0.00%		
2	(2)	0	0.00%		
3	(3)	0	0.00%		
4	(4)	0	0.00%		
5 (Somewhat)	(5)	2	5.56%		
6	(6)	1	2.78%		
7	(7)	5	13.89%		
8	(8)	6	16.67%		
9 (Very)	(9)	21	58.33%		
N/A	(0)	1	2.78%		



Response Rate	Mean	STD	Median	Dept	Mean	STD	Median	ECAS	Mean	STD	Median
36/53 (67.92%)	8.23	1.17	9.00	1145	7.84	1.66	9.00	16775	8.08	1.56	9.00

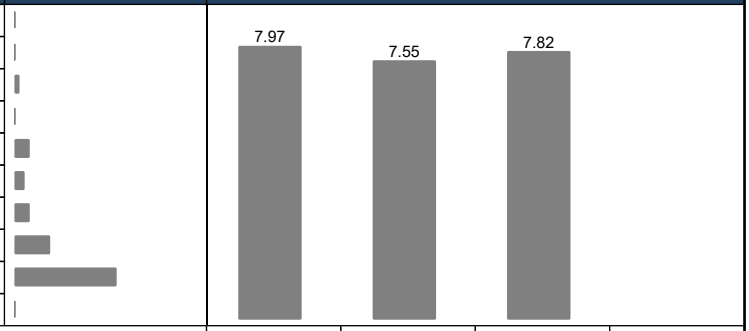
Emory University: Emory College of Arts and Sciences
ECAS Course Evaluations (Sp 2021)

Course: QTM-350-1: Data Science Computing - Spring 2021
Instructor: Jeremy Jacobson *
Response Rate: 36/53 (67.92 %)

4 - Please respond to the following questions focused on the instructor, Jeremy Jacobson. -

How clearly did the instructor explain specific concepts relevant to the course?

Response Option	Weight	Frequency	Percent
1 (Not at all)	(1)	0	0.00%
2	(2)	0	0.00%
3	(3)	1	2.78%
4	(4)	0	0.00%
5 (Somewhat)	(5)	3	8.33%
6	(6)	2	5.56%
7	(7)	3	8.33%
8	(8)	7	19.44%
9 (Very)	(9)	20	55.56%
N/A	(0)	0	0.00%

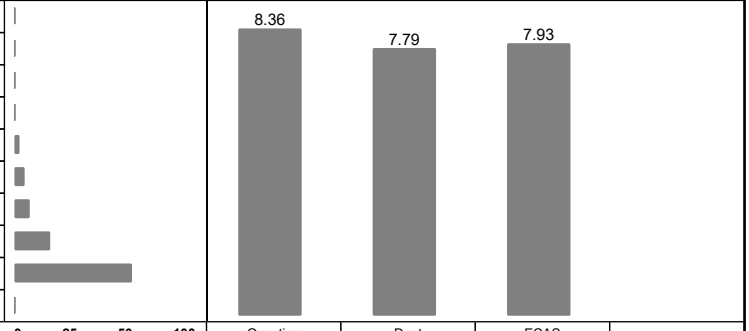


Response Rate	Mean	STD	Median	Dept	Mean	STD	Median	ECAS	Mean	STD	Median
36/53 (67.92%)	7.97	1.54	9.00	1145	7.55	1.87	8.00	16775	7.82	1.76	9.00

4 - Please respond to the following questions focused on the instructor, Jeremy Jacobson. -

How clearly did the instructor communicate the objectives and requirements for the course?

Response Option	Weight	Frequency	Percent
1 (Not at all)	(1)	0	0.00%
2	(2)	0	0.00%
3	(3)	0	0.00%
4	(4)	0	0.00%
5 (Somewhat)	(5)	1	2.78%
6	(6)	2	5.56%
7	(7)	3	8.33%
8	(8)	7	19.44%
9 (Very)	(9)	23	63.89%
N/A	(0)	0	0.00%

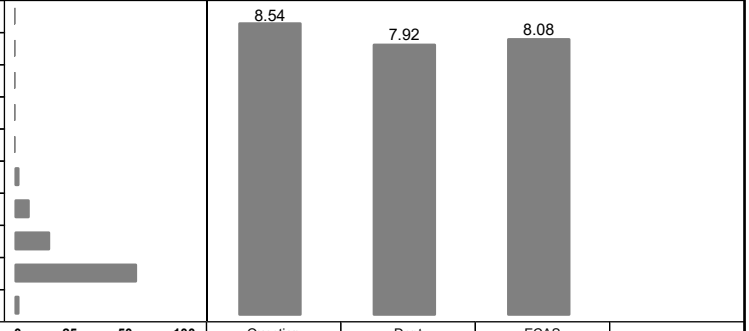


Response Rate	Mean	STD	Median	Dept	Mean	STD	Median	ECAS	Mean	STD	Median
36/53 (67.92%)	8.36	1.05	9.00	1145	7.79	1.70	8.00	16775	7.93	1.68	9.00

4 - Please respond to the following questions focused on the instructor, Jeremy Jacobson. -

How well did the instructor respond to students' questions?

Response Option	Weight	Frequency	Percent
1 (Not at all)	(1)	0	0.00%
2	(2)	0	0.00%
3	(3)	0	0.00%
4	(4)	0	0.00%
5 (Somewhat)	(5)	0	0.00%
6	(6)	1	2.78%
7	(7)	3	8.33%
8	(8)	7	19.44%
9 (Very)	(9)	24	66.67%
N/A	(0)	1	2.78%



Response Rate	Mean	STD	Median	Dept	Mean	STD	Median	ECAS	Mean	STD	Median
36/53 (67.92%)	8.54	0.78	9.00	1145	7.92	1.65	9.00	16775	8.08	1.60	9.00

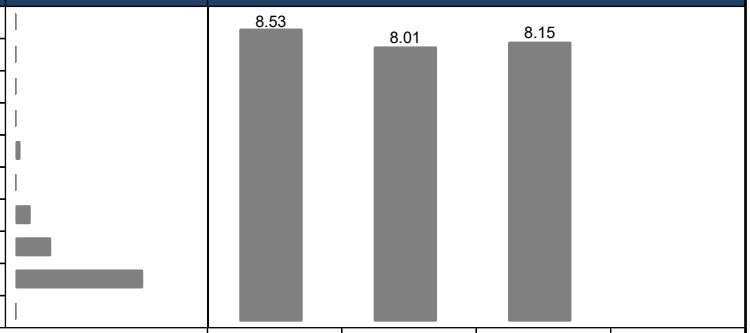
Emory University: Emory College of Arts and Sciences
ECAS Course Evaluations (Sp 2021)

Course: QTM-350-1: Data Science Computing - Spring 2021
Instructor: Jeremy Jacobson *
Response Rate: 36/53 (67.92 %)

4 - Please respond to the following questions focused on the instructor, Jeremy Jacobson. -

How accessible was the instructor for individual discussion about the course?

Response Option	Weight	Frequency	Percent
1 (Not at all)	(1)	0	0.00%
2	(2)	0	0.00%
3	(3)	0	0.00%
4	(4)	0	0.00%
5 (Somewhat)	(5)	1	2.78%
6	(6)	0	0.00%
7	(7)	3	8.33%
8	(8)	7	19.44%
9 (Very)	(9)	25	69.44%
N/A	(0)	0	0.00%

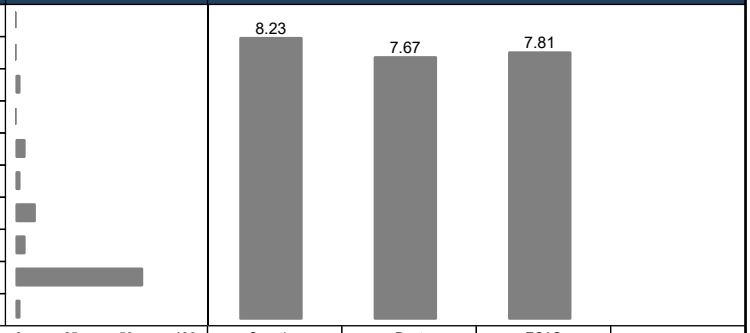


Response Rate	Mean	STD	Median	Dept	Mean	STD	Median	ECAS	Mean	STD	Median
36/53 (67.92%)	8.53	0.88	9.00	1145	8.01	1.61	9.00	16775	8.15	1.54	9.00

5 - How much did this course promote your progress on the following learning objectives?

Acquiring factual knowledge.

Response Option	Weight	Frequency	Percent
1. Not at all or very little	(1)	0	0.00%
2.	(2)	0	0.00%
3.	(3)	1	2.78%
4.	(4)	0	0.00%
5. Somewhat	(5)	2	5.56%
6.	(6)	1	2.78%
7.	(7)	4	11.11%
8.	(8)	2	5.56%
9. Very much	(9)	25	69.44%
N/A	(0)	1	2.78%

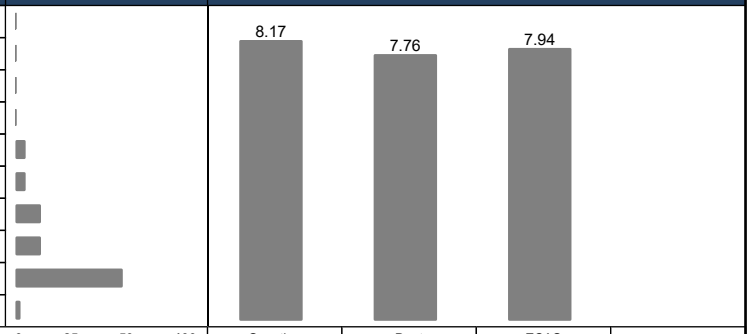


Response Rate	Mean	STD	Median	Dept	Mean	STD	Median	ECAS	Mean	STD	Median
36/53 (67.92%)	8.23	1.48	9.00	934	7.67	1.76	8.00	15794	7.81	1.71	9.00

5 - How much did this course promote your progress on the following learning objectives?

Understanding basic principles and concepts.

Response Option	Weight	Frequency	Percent
1. Not at all or very little	(1)	0	0.00%
2.	(2)	0	0.00%
3.	(3)	0	0.00%
4.	(4)	0	0.00%
5. Somewhat	(5)	2	5.56%
6.	(6)	2	5.56%
7.	(7)	5	13.89%
8.	(8)	5	13.89%
9. Very much	(9)	21	58.33%
N/A	(0)	1	2.78%



Response Rate	Mean	STD	Median	Dept	Mean	STD	Median	ECAS	Mean	STD	Median
36/53 (67.92%)	8.17	1.22	9.00	934	7.76	1.67	8.00	15794	7.94	1.60	9.00

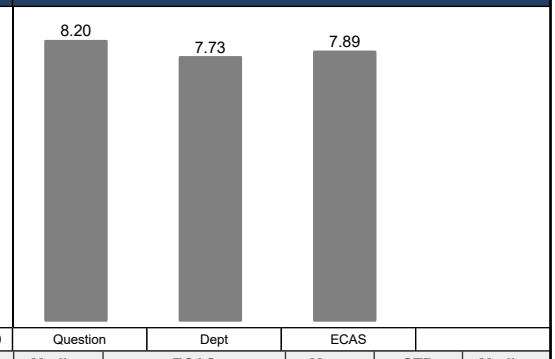
Emory University: Emory College of Arts and Sciences
ECAS Course Evaluations (Sp 2021)

Course: QTM-350-1: Data Science Computing - Spring 2021
Instructor: Jeremy Jacobson *
Response Rate: 36/53 (67.92 %)

5 - How much did this course promote your progress on the following learning objectives?

Being able to apply facts, concepts and principles to specific questions.

Response Option	Weight	Frequency	Percent	Percent Responses
1. Not at all or very little	(1)	0	0.00%	
2.	(2)	0	0.00%	
3.	(3)	0	0.00%	
4.	(4)	0	0.00%	
5. Somewhat	(5)	3	8.33%	
6.	(6)	1	2.78%	
7.	(7)	5	13.89%	
8.	(8)	3	8.33%	
9. Very much	(9)	23	63.89%	
N/A	(0)	1	2.78%	

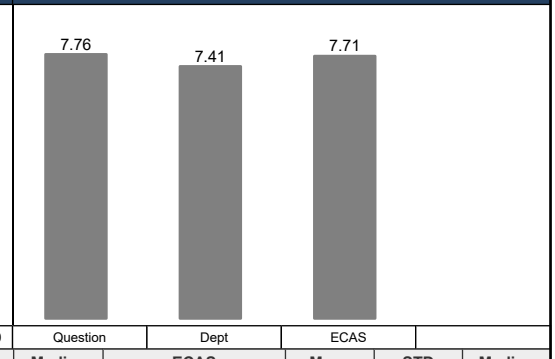


Response Rate	Mean	STD	Median	Dept	Mean	STD	Median	ECAS	Mean	STD	Median
36/53 (67.92%)	8.20	1.30	9.00	934	7.73	1.72	8.00	15794	7.89	1.65	9.00

5 - How much did this course promote your progress on the following learning objectives?

Being able to assess or critique ideas and arguments.

Response Option	Weight	Frequency	Percent	Percent Responses
1. Not at all or very little	(1)	0	0.00%	
2.	(2)	0	0.00%	
3.	(3)	0	0.00%	
4.	(4)	1	2.78%	
5. Somewhat	(5)	6	16.67%	
6.	(6)	1	2.78%	
7.	(7)	2	5.56%	
8.	(8)	5	13.89%	
9. Very much	(9)	18	50.00%	
N/A	(0)	3	8.33%	

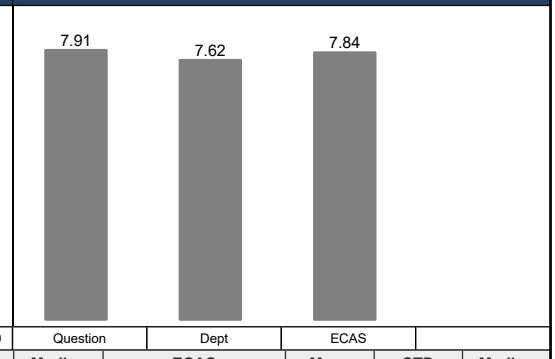


Response Rate	Mean	STD	Median	Dept	Mean	STD	Median	ECAS	Mean	STD	Median
36/53 (67.92%)	7.76	1.70	9.00	934	7.41	1.96	8.00	15794	7.71	1.83	9.00

5 - How much did this course promote your progress on the following learning objectives?

Being able to integrate and synthesize information.

Response Option	Weight	Frequency	Percent	Percent Responses
1. Not at all or very little	(1)	0	0.00%	
2.	(2)	0	0.00%	
3.	(3)	0	0.00%	
4.	(4)	0	0.00%	
5. Somewhat	(5)	4	11.11%	
6.	(6)	4	11.11%	
7.	(7)	3	8.33%	
8.	(8)	4	11.11%	
9. Very much	(9)	20	55.56%	
N/A	(0)	1	2.78%	



Response Rate	Mean	STD	Median	Dept	Mean	STD	Median	ECAS	Mean	STD	Median
36/53 (67.92%)	7.91	1.48	9.00	934	7.62	1.80	8.00	15794	7.84	1.71	9.00

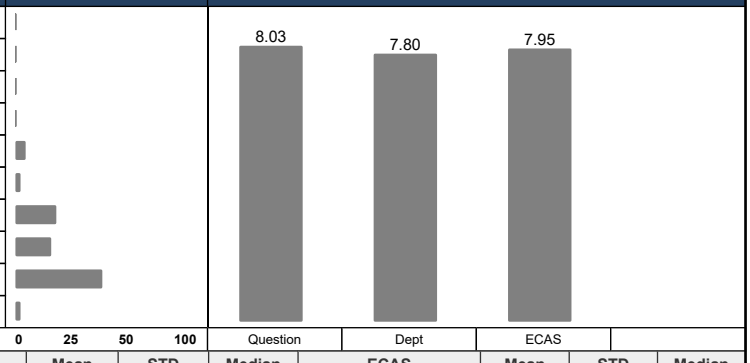
Emory University: Emory College of Arts and Sciences
ECAS Course Evaluations (Sp 2021)

Course: QTM-350-1: Data Science Computing - Spring 2021
Instructor: Jeremy Jacobson *
Response Rate: 36/53 (67.92 %)

6 - Please answer the following questions, again focusing on the instructor (Jeremy Jacobson). -

How well did the exams and/or assignments reflect the course material?

Response Option	Weight	Frequency	Percent
1 (Not at all)	(1)	0	0.00%
2	(2)	0	0.00%
3	(3)	0	0.00%
4	(4)	0	0.00%
5 (Somewhat)	(5)	2	5.56%
6	(6)	1	2.78%
7	(7)	8	22.22%
8	(8)	7	19.44%
9 (Very)	(9)	17	47.22%
N/A	(0)	1	2.78%

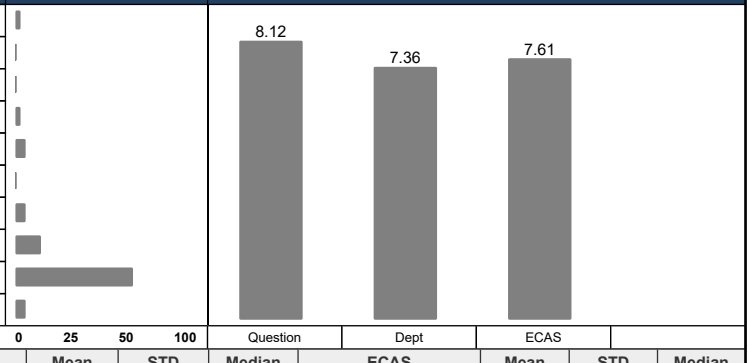


Response Rate	Mean	STD	Median	Dept	Mean	STD	Median	ECAS	Mean	STD	Median
36/53 (67.92%)	8.03	1.18	8.00	1145	7.80	1.69	9.00	16775	7.95	1.61	9.00

6 - Please answer the following questions, again focusing on the instructor (Jeremy Jacobson). -

Was the instructor's feedback on exams, papers, performance useful?

Response Option	Weight	Frequency	Percent
1 (Not at all)	(1)	1	2.78%
2	(2)	0	0.00%
3	(3)	0	0.00%
4	(4)	1	2.78%
5 (Somewhat)	(5)	2	5.56%
6	(6)	0	0.00%
7	(7)	2	5.56%
8	(8)	5	13.89%
9 (Very)	(9)	23	63.89%
N/A	(0)	2	5.56%

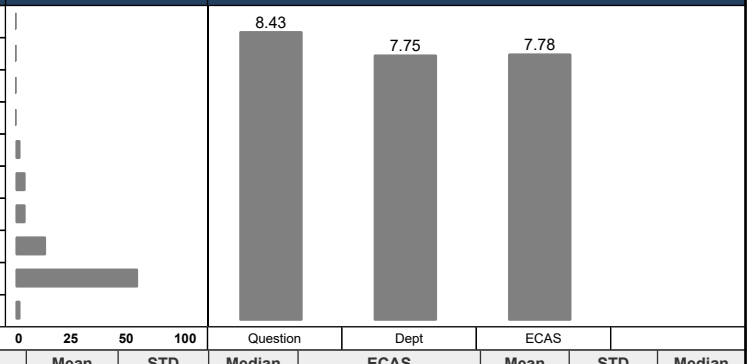


Response Rate	Mean	STD	Median	Dept	Mean	STD	Median	ECAS	Mean	STD	Median
36/53 (67.92%)	8.12	1.81	9.00	1145	7.36	2.14	8.00	16775	7.61	1.99	9.00

6 - Please answer the following questions, again focusing on the instructor (Jeremy Jacobson). -

Were the instructor's grading criteria for the course clear?

Response Option	Weight	Frequency	Percent
1 (Not at all)	(1)	0	0.00%
2	(2)	0	0.00%
3	(3)	0	0.00%
4	(4)	0	0.00%
5 (Somewhat)	(5)	1	2.78%
6	(6)	2	5.56%
7	(7)	2	5.56%
8	(8)	6	16.67%
9 (Very)	(9)	24	66.67%
N/A	(0)	1	2.78%



Response Rate	Mean	STD	Median	Dept	Mean	STD	Median	ECAS	Mean	STD	Median
36/53 (67.92%)	8.43	1.04	9.00	1145	7.75	1.77	9.00	16775	7.78	1.81	9.00

Emory University: Emory College of Arts and Sciences
ECAS Course Evaluations (Sp 2021)

Course: QTM-350-1: Data Science Computing - Spring 2021
Instructor: Jeremy Jacobson *
Response Rate: 36/53 (67.92 %)

7 - Which of these best describes your primary physical location while enrolled in this course?

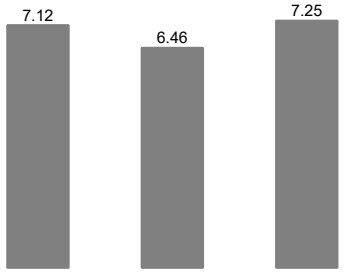
Response Option	Weight	Frequency	Percent	Percent Responses	Means
Atlanta metro area	(1)	13	36.11%		
Other U.S. location	(2)	9	25.00%		
International location	(3)	14	38.89%		
				0 25 50 100	

Response Rate
36/53 (67.92%)

8 - How effective were each of the following components in helping you achieve the stated learning outcomes? Mark "N/A" for those components not used in this course.

live Zoom sessions

Response Option	Weight	Frequency	Percent	Percent Responses	Means
1 (Not effective at all)	(1)	0	0.00%		
2	(2)	0	0.00%		
3	(3)	2	5.56%		
4	(4)	0	0.00%		
5 (About average)	(5)	7	19.44%		
6	(6)	2	5.56%		
7	(7)	7	19.44%		
8	(8)	4	11.11%		
9 (Very effective)	(9)	12	33.33%		
N/A	(0)	2	5.56%		
				0 25 50 100	Question Dept ECAS

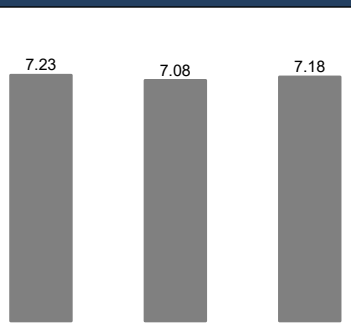


Response Rate	Mean	STD	Median	Dept	Mean	STD	Median	ECAS	Mean	STD	Median
36/53 (67.92%)	7.12	1.85	7.00	934	6.46	2.40	7.00	15794	7.25	2.10	8.00

8 - How effective were each of the following components in helping you achieve the stated learning outcomes? Mark "N/A" for those components not used in this course.

recorded lectures

Response Option	Weight	Frequency	Percent	Percent Responses	Means
1 (Not effective at all)	(1)	0	0.00%		
2	(2)	1	2.78%		
3	(3)	1	2.78%		
4	(4)	0	0.00%		
5 (About average)	(5)	4	11.11%		
6	(6)	2	5.56%		
7	(7)	5	13.89%		
8	(8)	1	2.78%		
9 (Very effective)	(9)	12	33.33%		
N/A	(0)	10	27.78%		
				0 25 50 100	Question Dept ECAS



Response Rate	Mean	STD	Median	Dept	Mean	STD	Median	ECAS	Mean	STD	Median
36/53 (67.92%)	7.23	2.07	7.50	934	7.08	2.16	8.00	15794	7.18	2.10	8.00

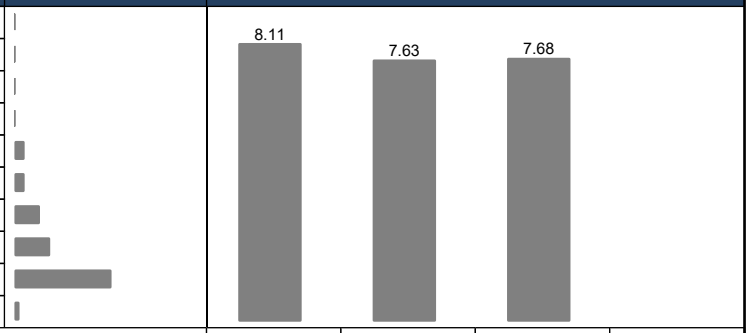
Emory University: Emory College of Arts and Sciences
ECAS Course Evaluations (Sp 2021)

Course: QTM-350-1: Data Science Computing - Spring 2021
Instructor: Jeremy Jacobson *
Response Rate: 36/53 (67.92 %)

9 - How effective overall was the instructor's use of technology in helping you achieve the stated learning outcomes?

Jeremy Jacobson

Response Option	Weight	Frequency	Percent
1 (Not effective at all)	(1)	0	0.00%
2	(2)	0	0.00%
3	(3)	0	0.00%
4	(4)	0	0.00%
5 (Average or mixed)	(5)	2	5.56%
6	(6)	2	5.56%
7	(7)	5	13.89%
8	(8)	7	19.44%
9 (Very effective)	(9)	19	52.78%
N/A	(0)	1	2.78%

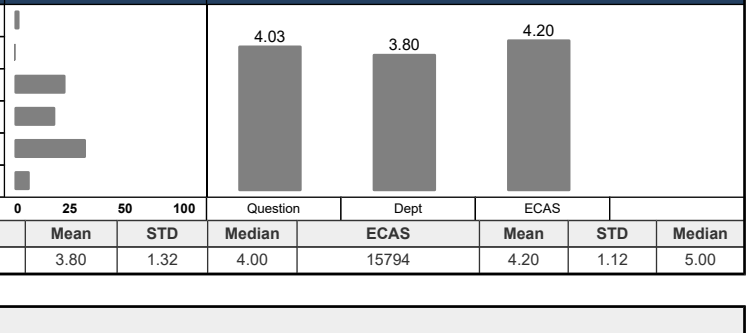


Response Rate	Mean	STD	Median	Dept	Mean	STD	Median	ECAS	Mean	STD	Median
36/53 (67.92%)	8.11	1.21	9.00	1145	7.63	1.67	8.00	16775	7.68	1.73	8.00

10 - Please estimate the following in terms of intellectual engagement.

Percent of live online class sessions that I felt intellectually engaged with the materials or activities

Response Option	Weight	Frequency	Percent
Less than 10%	(1)	1	2.78%
10-30%	(2)	0	0.00%
31-50%	(3)	10	27.78%
51-70%	(4)	8	22.22%
More than 70%	(5)	14	38.89%
N/A	(0)	3	8.33%

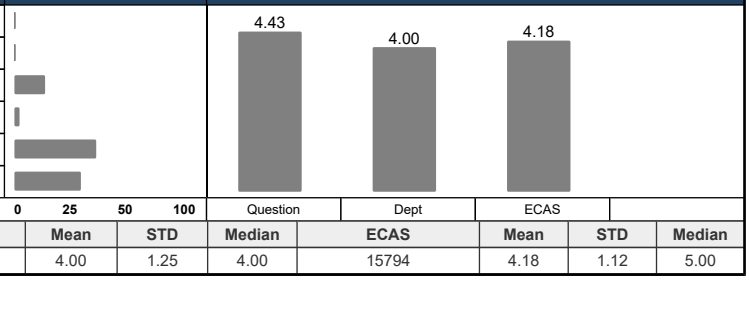


Response Rate	Mean	STD	Median	Dept	Mean	STD	Median	ECAS	Mean	STD	Median
36/53 (67.92%)	4.03	1.02	4.00	934	3.80	1.32	4.00	15794	4.20	1.12	5.00

10 - Please estimate the following in terms of intellectual engagement.

Percent of the time I felt intellectually engaged with the asynchronous videos and other content, if applicable

Response Option	Weight	Frequency	Percent
Less than 10%	(1)	0	0.00%
10-30%	(2)	0	0.00%
31-50%	(3)	6	16.67%
51-70%	(4)	1	2.78%
More than 70%	(5)	16	44.44%
N/A	(0)	13	36.11%



Response Rate	Mean	STD	Median	Dept	Mean	STD	Median	ECAS	Mean	STD	Median
36/53 (67.92%)	4.43	0.90	5.00	934	4.00	1.25	4.00	15794	4.18	1.12	5.00

Emory University: Emory College of Arts and Sciences
ECAS Course Evaluations (Sp 2021)

Course: QTM-350-1: Data Science Computing - Spring 2021

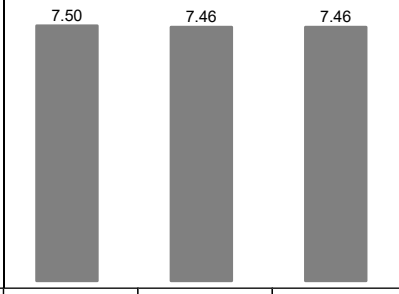
Instructor: Jeremy Jacobson *

Response Rate: 36/53 (67.92 %)

11 - Answer each of the following questions about your online course, in comparison with in-person courses in similar disciplines, with '1' representing "Much less effective," "Useless," or "Light workload," while '9' represents "Very effective," "Very Useful," or "Heavy workload."

effectiveness of the course in challenging you intellectually

Response Option	Weight	Frequency	Percent	Percent Responses	Means
1	(1)	0	0.00%		
2	(2)	0	0.00%		
3	(3)	0	0.00%		
4	(4)	2	5.56%		
5	(5)	2	5.56%		
6	(6)	4	11.11%		
7	(7)	9	25.00%		
8	(8)	3	8.33%		
9	(9)	14	38.89%		
N/A	(0)	2	5.56%		

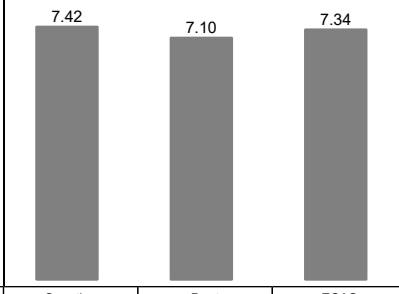


Response Rate	Mean	STD	Median	Dept	Mean	STD	Median	ECAS	Mean	STD	Median
36/53 (67.92%)	7.50	1.56	7.50	934	7.46	1.77	8.00	15794	7.46	1.81	8.00

11 - Answer each of the following questions about your online course, in comparison with in-person courses in similar disciplines, with '1' representing "Much less effective," "Useless," or "Light workload," while '9' represents "Very effective," "Very Useful," or "Heavy workload."

usefulness of the instructors' feedback

Response Option	Weight	Frequency	Percent	Percent Responses	Means
1	(1)	1	2.78%		
2	(2)	0	0.00%		
3	(3)	1	2.78%		
4	(4)	1	2.78%		
5	(5)	2	5.56%		
6	(6)	4	11.11%		
7	(7)	5	13.89%		
8	(8)	3	8.33%		
9	(9)	16	44.44%		
N/A	(0)	3	8.33%		



Response Rate	Mean	STD	Median	Dept	Mean	STD	Median	ECAS	Mean	STD	Median
36/53 (67.92%)	7.42	2.05	8.00	934	7.10	2.09	8.00	15794	7.34	2.00	8.00

Emory University: Emory College of Arts and Sciences
ECAS Course Evaluations (Sp 2021)

Course: QTM-350-1: Data Science Computing - Spring 2021

Instructor: Jeremy Jacobson *

Response Rate: 36/53 (67.92 %)

11 - Answer each of the following questions about your online course, in comparison with in-person courses in similar disciplines, with '1' representing "Much less effective," "Useless," or "Light workload," while '9' represents "Very effective," "Very Useful," or "Heavy workload."

instructors' ability to engage with the students in the remote environment

Response Option	Weight	Frequency	Percent	Percent Responses
1	(1)	1	2.78%	
2	(2)	0	0.00%	
3	(3)	2	5.56%	
4	(4)	0	0.00%	
5	(5)	6	16.67%	
6	(6)	5	13.89%	
7	(7)	5	13.89%	
8	(8)	3	8.33%	
9	(9)	12	33.33%	
N/A	(0)	2	5.56%	

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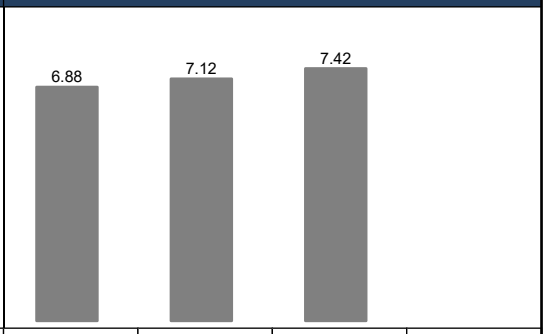

Response Rate	Mean	STD	Median	Dept	Mean	STD	Median	ECAS	Mean	STD	Median
36/53 (67.92%)	6.88	2.11	7.00	934	7.12	2.09	8.00	15794	7.42	2.02	8.00

11 - Answer each of the following questions about your online course, in comparison with in-person courses in similar disciplines, with '1' representing "Much less effective," "Useless," or "Light workload," while '9' represents "Very effective," "Very Useful," or "Heavy workload."

course's success in accomplishing the objectives stated in the course syllabus

Response Option	Weight	Frequency	Percent	Percent Responses
1	(1)	0	0.00%	
2	(2)	0	0.00%	
3	(3)	1	2.78%	
4	(4)	0	0.00%	
5	(5)	3	8.33%	
6	(6)	3	8.33%	
7	(7)	7	19.44%	
8	(8)	5	13.89%	
9	(9)	15	41.67%	
N/A	(0)	2	5.56%	

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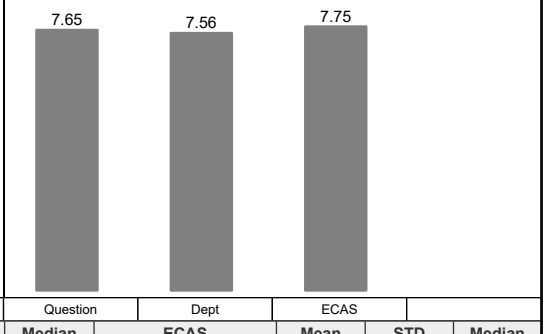

Response Rate	Mean	STD	Median	Dept	Mean	STD	Median	ECAS	Mean	STD	Median
36/53 (67.92%)	7.65	1.57	8.00	934	7.56	1.75	8.00	15794	7.75	1.71	8.00

Emory University: Emory College of Arts and Sciences
ECAS Course Evaluations (Sp 2021)

Course: QTM-350-1: Data Science Computing - Spring 2021

Instructor: Jeremy Jacobson *

Response Rate: 36/53 (67.92 %)

11 - Answer each of the following questions about your online course, in comparison with in-person courses in similar disciplines, with '1' representing "Much less effective," "Useless," or "Light workload," while '9' represents "Very effective," "Very Useful," or "Heavy workload."

course workload (1=light, 9=heavy)

Response Option	Weight	Frequency	Percent	Percent Responses
1	(1)	0	0.00%	
2	(2)	0	0.00%	
3	(3)	2	5.56%	
4	(4)	2	5.56%	
5	(5)	7	19.44%	
6	(6)	12	33.33%	
7	(7)	5	13.89%	
8	(8)	1	2.78%	
9	(9)	5	13.89%	
N/A	(0)	2	5.56%	

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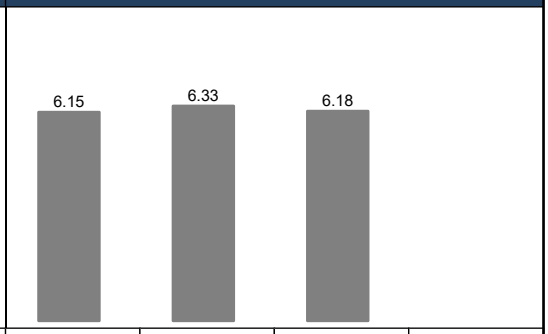


Response Rate	Mean	STD	Median	Dept	Mean	STD	Median	ECAS	Mean	STD	Median
36/53 (67.92%)	6.15	1.62	6.00	934	6.33	1.82	6.00	15794	6.18	2.00	6.00

12 - What approach used in this course was most effective in helping you achieve the stated learning objectives of the course?

Response Rate	7/53 (13.21%)

- Coding walkthroughs, Python textbook
- Professor staying after class to answer questions and hosting office hours
- Professor Jacobson incorporates lots of opportunities throughout class for students to participate freely and sets a environment that makes the students feel comfortable in answering questions whether it is through the chat or unmuting. In addition, we are allocated time in class to go over quiz and homework questions in which he walks us through the approach and genuinely cares about the students' progress in class.
- I liked the group aspect of the class. That forced me to get to know my classmates and collaborate with them both in and out of class.
- Python notebooks and homeworks
- AWS education
- The live Zoom sessions made the code tutorials and lecture easier to follow along, along with using the platform of AWS. The class was organized in the Home page in Canvas by week, and this made finding the recordings, the Colab notebooks, readings, etc. easier to locate.

13 - Did any of the following reduce your ability to participate/engage fully in the course? Select all that apply.

Response Option	Weight	Frequency	Percent	Percent Responses
Limited internet access	(1)	5	35.71%	
Distractions from the physical environment in which I was accessing the internet	(2)	5	35.71%	
Distractions from my personal technology (phone, computer, etc)	(3)	10	71.43%	
Time zone differences	(4)	4	28.57%	
Health or work-related stress (yours or family/roommate)	(5)	5	35.71%	
Other	(6)	0	0.00%	
Response Rate	14/53 (26.42%)			

Emory University: Emory College of Arts and Sciences
ECAS Course Evaluations (Sp 2021)

Course: QTM-350-1: Data Science Computing - Spring 2021

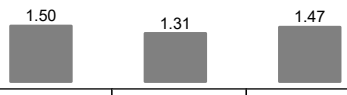
Instructor: Jeremy Jacobson *

Response Rate: 36/53 (67.92 %)

14 - Indicate the level of difficulty you experienced in each of the following domains.

Internet connectivity issues

Response Option	Weight	Frequency	Percent	Percent Responses	Means
No (or few) issues	(1)	19	52.78%		
Some issues, easily resolved	(2)	10	27.78%		
Some issues, never fully resolved	(3)	3	8.33%		
N/A	(0)	4	11.11%		

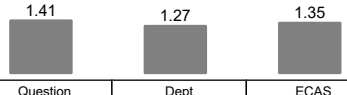


Response Rate	Mean	STD	Median	Dept	Mean	STD	Median	ECAS	Mean	STD	Median
36/53 (67.92%)	1.50	0.67	1.00	934	1.31	0.54	1.00	15794	1.47	0.61	1.00

14 - Indicate the level of difficulty you experienced in each of the following domains.

Difficulties with my computer or other device

Response Option	Weight	Frequency	Percent	Percent Responses	Means
No (or few) issues	(1)	21	58.33%		
Some issues, easily resolved	(2)	9	25.00%		
Some issues, never fully resolved	(3)	2	5.56%		
N/A	(0)	4	11.11%		

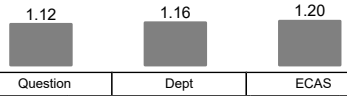


Response Rate	Mean	STD	Median	Dept	Mean	STD	Median	ECAS	Mean	STD	Median
36/53 (67.92%)	1.41	0.61	1.00	934	1.27	0.52	1.00	15794	1.35	0.57	1.00

14 - Indicate the level of difficulty you experienced in each of the following domains.

Difficulties with Canvas

Response Option	Weight	Frequency	Percent	Percent Responses	Means
No (or few) issues	(1)	29	80.56%		
Some issues, easily resolved	(2)	4	11.11%		
Some issues, never fully resolved	(3)	0	0.00%		
N/A	(0)	3	8.33%		

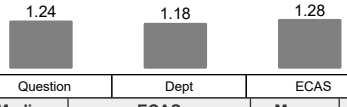


Response Rate	Mean	STD	Median	Dept	Mean	STD	Median	ECAS	Mean	STD	Median
36/53 (67.92%)	1.12	0.33	1.00	934	1.16	0.39	1.00	15794	1.20	0.44	1.00

14 - Indicate the level of difficulty you experienced in each of the following domains.

Difficulties with Zoom

Response Option	Weight	Frequency	Percent	Percent Responses	Means
No (or few) issues	(1)	26	72.22%		
Some issues, easily resolved	(2)	6	16.67%		
Some issues, never fully resolved	(3)	1	2.78%		
N/A	(0)	3	8.33%		



Response Rate	Mean	STD	Median	Dept	Mean	STD	Median	ECAS	Mean	STD	Median
36/53 (67.92%)	1.24	0.50	1.00	934	1.18	0.43	1.00	15794	1.28	0.52	1.00

Emory University: Emory College of Arts and Sciences
ECAS Course Evaluations (Sp 2021)

Course: QTM-350-1: Data Science Computing - Spring 2021

Instructor: Jeremy Jacobson *

Response Rate: 36/53 (67.92 %)

14 - Indicate the level of difficulty you experienced in each of the following domains.

Difficulties with Examity

Response Option	Weight	Frequency	Percent	Percent Responses	Means
No (or few) issues	(1)	18	50.00%		
Some issues, easily resolved	(2)	6	16.67%		
Some issues, never fully resolved	(3)	1	2.78%		
N/A	(0)	11	30.56%		

Response Rate	Mean	STD	Median	Dept	Mean	STD	Median	ECAS	Mean	STD	Median
36/53 (67.92%)	1.32	0.56	1.00	934	1.12	0.39	1.00	15794	1.14	0.40	1.00

14 - Indicate the level of difficulty you experienced in each of the following domains.

Other

Response Option	Weight	Frequency	Percent	Percent Responses	Means
No (or few) issues	(1)	17	47.22%		
Some issues, easily resolved	(2)	3	8.33%		
Some issues, never fully resolved	(3)	0	0.00%		
N/A	(0)	16	44.44%		

Response Rate	Mean	STD	Median	Dept	Mean	STD	Median	ECAS	Mean	STD	Median
36/53 (67.92%)	1.15	0.37	1.00	934	1.10	0.36	1.00	15794	1.14	0.43	1.00

15 - Please describe the other technical issues you referred to above (if any).

Response Rate	0/53 (0%)

Emory University: Emory College of Arts and Sciences
ECAS Course Evaluations (Sp 2021)

Course: QTM-350-1: Data Science Computing - Spring 2021
Instructor: Jeremy Jacobson *
Response Rate: 36/53 (67.92 %)

16 - In general, what were your expectations for this course?	
Response Rate	36/53 (67.92%)

- learning about cloud computing
- I thought I would learn how to use Python and Linux and basic features of AWS
- Learn about python and machine learning.
- NA
- To have a better understanding of python and linux.
- To learn more about computing techniques used with data science
- Similar to qtm 150
- NA
- To learn more python and some aws
- To learn more about data science and cloud computing
- I expected to learn python coding and about cloud computing.
- I thought it was going to be overbaringly difficult.
- Learn about python
- Gain basic knowledge about cloud computing and relevant data analytic skills using python
- I expected to learn the basics of a few coding languages.
- Learn how to use machine learning models
- - to learn about python coding and cloud technology
- i expected to gain a better understanding of basic concepts related to cloud computing
- I knew absolutely nothing about AWS or any other Cloud computing platforms, so honestly, just to familiarize myself with key concepts.
- My expectations for this course was that it was going to be heavily technical and would require a lot of time outside of lectures to learn the program as I am unfamiliar with Python, AWS, and coding languages in general.
- I expected a course that would teach me the basics of AWS and ML and would give me things to talk about during job interviews.
- Hands on skills for tech field
- I expected to learn data science techniques.
- I expect to gain some basic knowledge about cloud computing.
- I had expected to learn Python for data science computing
- Learn python, cloud computing, and other data science computing technologies
- learning cloud computing
- learn python
- Learning about data science and programming languages
- Acquire practical skills that could be used later in my career.
- Python heavy course, in application of data science
- learn about python and aws
- -
- To learn more about Python
- Learn more about data science
- To learn more about the services in AWS for cloud computing, along with a more computer-science based use of iPython notebooks and on Linux platforms.

Emory University: Emory College of Arts and Sciences
ECAS Course Evaluations (Sp 2021)

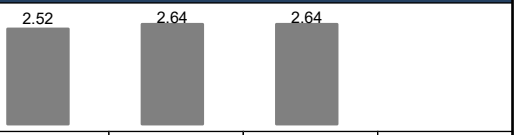
Course: QTM-350-1: Data Science Computing - Spring 2021

Instructor: Jeremy Jacobson *

Response Rate: 36/53 (67.92 %)

17 - Were your expectations realized?

Response Option	Weight	Frequency	Percent	Percent Responses	Means
Yes	(3)	18	50.00%		2.52
Partially	(2)	14	38.89%		
No	(1)	1	2.78%		
I had no expectations for this class	(0)	3	8.33%		
				0 25 50 100	Question



Response Rate	Mean	STD	Median	Dept	Mean	STD	Median	ECAS	Mean	STD	Median
36/53 (67.92%)	2.52	0.57	3.00	697	2.64	0.58	3.00	697	2.64	0.58	3.00

- It was very difficult to follow the Linux tutorials and they often felt very inadequate for the homework and quizzes.
- There was a lot more emphasis on learning AWS than I thought. Not as much programming as I thought.
- It exceeded expectations! More useful than I realized
- It was actually okay! Dr. Jacobson was a great tool and made everything very learnable. I had expectations that I would do poorly but I actually did well and learned so much that I'll use in the future!!!
- Python materials were limited
- Linux parts did not work well.
- AWS introduction and unix code can be introduced more systematically
- It turns out the course is mostly about AWS but it is also very interesting and really helpful for career building.
- Learn a lot
- Everything was very organized in the way we learned AWS in lecture in cooperation with what we had to complete in AWS academy. I definitely learned many more skills in Python notebooks, using GitHub in a more advanced way, and also learning more about the job market. A very fun, useful class for someone who did not need this class for any minor/major requirement!

Emory University: Emory College of Arts and Sciences
ECAS Course Evaluations (Sp 2021)

Course: QTM-350-1: Data Science Computing - Spring 2021
Instructor: Jeremy Jacobson *
Response Rate: 36/53 (67.92 %)

18 - What parts of this class interested you the most?	
Response Rate	36/53 (67.92%)

- running r in cloud
- Python, Linux when I could follow it
- AWS
- api
- I like using AWS's tool and analyze them
- The programming notebooks. The lecture about machine learning at the end was interesting as well.
- AWS applications and python homeworks
- I liked the coding aspect of the class. Learning Linux was brand new to me, but I found myself wanting to learn even more outside of class and created my own scripts in my terminal.
- AWS python
- Cloud Computing and Python
- Coding in Python
- AWS
- Python
- The complete walkthrough of AWS services
- I liked the opportunities to do open ended work in the coding languages
- Introduction of Meachine Learning
- AWS
- the work with APIs
- Learning about binary and hex
- AWS is a highly-seeked skill in the data analysis field and Professor Jacobson does a great job in introducing the content at a pace where students who have no experience (me) can manage.
- I really liked working with the ML algorithms.
- coding
- Doing projects and learning shell commands
- Everything is interesting to me.
- Learning AWS
- Cloud computing and AWS
- coding
- group project
- AWS cloud computing
- AWS
- Python
- coding and introduction to aws
- Material
- The use of AWS Cloud
- Lab
- How the AWS services can be deployed in ML models.

Emory University: Emory College of Arts and Sciences
ECAS Course Evaluations (Sp 2021)

Course: QTM-350-1: Data Science Computing - Spring 2021
Instructor: Jeremy Jacobson *
Response Rate: 36/53 (67.92 %)

19 - What parts of this class interested you the least?	
Response Rate	36/53 (67.92%)

- none
- AWS
- Linux
- python code
- The lecturing can sometimes be a bit dry
- I wasn't a fan of learning about linux.
- Module checks
- I wish there had been a little bit more focus on the Notebooks in class and live coding the solutions, rather than so much on AWS lectures that we should have already seen for homework.
- job stuff
- Benefits of AWS
- Linux
- Linux
- na
- Everything is good
- The background information on AWS was not as interesting to me as the hands on coding.
- Some story about AWS
- NA
- some of the knitty gritty AWS module slides
- The constant looking into the salaries of different job positions
- nothing in particular
- The AWS modules were a little dry.
- theoretical knowledge about cloud computing
- nothing
- None
- Learning Linux commands
- Shell coding
- binary
- aws
- n/a
- N/A
- AWS
- some of questions in test yourself
- -
- Dr. Jacobson did not provide practice test for final exams
- Homework
- NA

Emory University: Emory College of Arts and Sciences
ECAS Course Evaluations (Sp 2021)

Course: QTM-350-1: Data Science Computing - Spring 2021

Instructor: Jeremy Jacobson *

Response Rate: 36/53 (67.92 %)

20 - Any suggestions for how this course might be improved (e.g., parts that should have received more or less attention; topics or exercises that could be added, etc.)?

Response Rate	9/53 (16.98%)

• There should be way more tutorial for general features of Linux. We could spend a lot less time on the features of AWS that are already covered in the modules and instead spend that time on Linux or Python.

• Hope to see more instruction for assignment. For some time I need to google for a long time for a very simple thing. Overall the course is very useful. thank you.

• More coding together! Keep the group project. It was fun! For the test yourself weekly quizzes, post solutions after the due date.

• i think that the AWS Cloud Foundations course assumes a basic understanding of IT that many of us, especially those without a CS background, are unfamiliar with. I think it would be beneficial to go over traditional IT strucutres/concepts before introducing Cloud materials

• I don't anticipate this will be a problem in the future, but it was hard to communicate with group members and do group-oriented tasks/assignments during class because my group members never showed up (due to time-zone differences I suspect)

• The AWS modules don't seem as useful professionally as the python code and the ML algorithms. I think it would be better to focus on those rather than the infrastructure.

• More discussion of Python coding in class

• The binary part can go away.

• The toughest challenge for me as an MBA was the quiet nature of the undergrads on the early zoom classes, in conjunction with my own half-familiarity with the material. The timing at night, and the above, made it so I started forgoing the live Zoom lectures figuring I could catch up on my own time, and by mid-semester, I found myself only jumping back in to help with the team homework. I will now go over the course's material pretty much all today tomorrow to see if I can't pass the test, but it was a tricky course to participate in given it doesn't count towards my MBA either. That said, I do want to hold the course material as work I *can* do and have werewithal of, given I am converting to a business leader from a full time solutions engineer prior to business school. Thanks for the course and sorry I couldn't be more of an active participant and contributor.

Mean of Means Calculations	Mean	Dept	ECAS	
Weighted Mean (Course)	**8.05**	**7.64**	**7.84**	
Weighted Mean (Instructor)	**8.29**	**7.78**	**7.96**	
Weighted Mean (Overall)	**8.21**	**7.73**	**7.92**	