Course:	ECE_4424_91321_202109: Machine Learning-ECE_4424_91321_202109
Instructor:	Ming Jin *
Response Rate:	21/24 (87.50 %)

1A - The instructor was w	ell prepared.											
Ming Jin												
Response Option		Weigh	t Frequency	Percent	Р	ercent Re	esponses		Me	ans		
Strongly disagree		(1)	0	0.00%	Ι			5.76	5.20	5.09		
Disagree		(2)	0	0.00%	1							
Somewhat disagree		(3)	0	0.00%	1							
Somewhat agree		(4)	0	0.00%	1							
Agree		(5)	5	23.81%								
Strongly agree		(6)	16	76.19%								
		·		•	0	25	50 100	Question	College	Departme	nt	
Response Rate	Mean	STD	Median	College		Mean	STD	Median	Department	Mean	STD	Media
21/24 (87.50%)	5.76	0.44	6.00	22610		5.20	1.12	6.00	2561	5.09	1.21	5.00

1 - Please indicate the exte	ent to which	you agree o	or disagree	e with each of the	foll	lowing st	ater	ments:						
1B - The instructor presented the subject matter clearly.														
Ming Jin														
Response Option		Weig	ht Freque	ency Percent	P	Percent R	esp	onses			Ме	ans		
Strongly disagree		(1)	0	0.00%					5.70		4.98	4.00		
Disagree		(2)	0	0.00%							4.00	4.82		
Somewhat disagree		(3)	0	0.00%										
Somewhat agree		(4)	2	10.00%										
Agree		(5)	2	10.00%										
Strongly agree		(6)	16	80.00%										
					0	25	50	100	Question	ı	College	Departme	nt	
Response Rate	Mean	STD	Median	College		Mean		STD	Median		Department	Mean	STD	Median
20/24 (83.33%)	5.70	0.66	6.00	22465		4.98		1.28	5.00		2542	4.82	1.35	5.00

1 - Please indicate the extent to which you agree or disagree with each of the following statements: 1C - The instructor provided feedback intended to improve my course performance. Ming Jin Weight Frequency Means **Response Option** Percent Percent Responses 0.00% Strongly disagree 0 5.62 (1) 4.94 4.74 Disagree (2) 0 0.00% 0 0.00% Somewhat disagree (3) Somewhat agree (4) 1 4.76% 6 Agree (5) 28.57% 14 Strongly agree (6) 66.67% 25 50 100 Question College Department 0 **Response Rate** Mean STD Median College Mean STD Median Department Mean STD Median 0.59 21/24 (87.50%) 5.62 6.00 22445 4.94 1.30 5.00 2538 4.74 1.41 5.00

Course:	ECE_4424_91321_202109: Machine Learning-ECE_4424_91321_202109
Instructor:	Ming Jin *
Response Rate:	21/24 (87.50 %)

1D - The instructor foster	ed an atmos	ohere of mu	tual respect											
Ming Jin														
Response Option		Weig	ht Frequer	icy Percent	P	Percent R	espor	nses			Me	eans		
Strongly disagree		(1)	0	0.00%					5.71		5.32	5.24		
Disagree		(2)	0	0.00%	1									
Somewhat disagree		(3)	0	0.00%										
Somewhat agree		(4)	1	4.76%										
Agree		(5)	4	19.05%										
Strongly agree		(6)	16	76.19%										
					0	25	50	100	Question	ı –	College	Departmer	ıt	
Response Rate	Mean	STD	Median	College		Mean	S	STD	Median		Department	Mean	STD	Media
21/24 (87.50%)	5.71	0.56	6.00	22424		5.32	1	.06	6.00		2541	5.24	1.11	6.00

- Please indicate the extent to which you agree or disagree with each of the following statements:														
1E - Overall, the instructo	E - Overall, the instructor's teaching was effective.													
Ming Jin														
Response Option	Weig	jht Frequ	ency Percer	it 🗌	Percent F	lespo	onses			Mean	s			
Strongly disagree		(1)) (0.00%	- I				5.65	4.97	,	4.04		
Disagree		(2)) (0.00%	· 1							4.81		
Somewhat disagree		(3)) (0.00%	· 1									
Somewhat agree		(4)) 1	5.00%		I								
Agree		(5)) 5	25.00%	6									
Strongly agree		(6)) 1.	4 70.00%	6									
					0	25	50	100	Question	Colle	ge	Departmen	t	
Response Rate	Mean	STD	Median	College		Mean		STD	Median	Departme	nt	Mean	STD	Median
20/24 (83.33%)	5.65	0.59	6.00	22321		4.97		1.31	5.00	2527		4.81	1.40	5.00

ling Jin	
Response Rate	15/24 (62.5%)
Great demos, clear homework assign	nment logics.
PPT is very helpful	
Give notes online and good explanat	ion on concepts.
The class content was well prepared	and the course was well understood
 class examples 	
 Explain the concept clearly 	
His course schedules do help me un	derstand both mathmatical theorms and algorithms.
scribe!! The scribe make everything	clear for me
Listened to our feedback in class and	adapted the lectures to reflect the changes
He was helping us out whenever we This was my favorite class and I really	had questions and was enthusiastic about the material. One of my favorite professors because he encouraged us to work hard while also not burning us o enjoyed being his student!
The scribes were a good idea. Doing	the required scribe really helped me to better understand the course content.
Providing demos	
Lectures	
The homework and projects help me	better understand the concept.
• Did a lot of step by step illustration a	nd lecture notes.

Course:	ECE_4424_91321_202109: Machine Learning-ECE_4424_91321_202109
Instructor:	Ming Jin *
Response Rate:	21/24 (87.50 %)

3 - Please indicate the ext	Please indicate the extent to which you agree or disagree with each of the following statements:										
3A - I have a deeper under	standing of	the subject n	natter as a res	ult of this co	urse.						
Response Option	Weight	t Frequency	Percent	Percent R	esponses		Ме	ans			
Strongly disagree		(1)	0	0.00%	1		5.48	5.08	5.01		
Disagree		(2)	0	0.00%]				0.01		
Somewhat disagree		(3)	0	0.00%]						
Somewhat agree		(4)	2	9.52%							
Agree		(5)	7	33.33%							
Strongly agree		(6)	12	57.14%							
					0 25	50 100	Question	College	Departme	nt	
Response Rate	Mean	STD	Median	College	Mean	STD	Median	Department	Mean	STD	Median
21/24 (87.50%)	5.48	0.68	6.00	19815	5.08	1.14	5.00	2531	5.01	1.17	5.00

3 - Please indicate the exter	Please indicate the extent to which you agree or disagree with each of the following statements:										
3B - My interest in the subje	ect matter v	vas stimulat	ed by this o	course.							
Response Option	Weigh	t Freque	ncy Percent	Percent Re	esponses	Means					
Strongly disagree		(1)	0	0.00%	1		5.38	4.82			
Disagree		(2)	0	0.00%				4.62	4.74	1	
Somewhat disagree		(3)	1	4.76%							
Somewhat agree		(4)	2	9.52%							
Agree		(5)	6	28.57%							
Strongly agree		(6)	12	57.14%							
					0 25	50 100	Questior	n College	Departmer	nt	
Response Rate	Mean	STD	Median	College	Mean	STD	Median	Department	Mean	STD	Median
21/24 (87.50%)	5.38	0.86	6.00	19707	4.82	1.37	5.00	2511	4.74	1.41	5.00

4 - 4A - What could you have done to be a better learner?									
Response Rate 10/24 (41.67%)									
Spend more time on the lectures, find more learning resources online									
Can have more assignments									
• taken notes	taken notes								
• I try my best to understand the knowledge and do the homework on time with high correction.									
Ask more questions in class									

• I believe that I could have taken my own scribe notes for each lecture. I feel that it would have greatly helped me.

• I tried my best to go to all TA office hours. I could have also done this for all of the Instructor office hours. This predicament is further explained in the next text box. I really tried my best in this class. I by far spent more hours in this class than all of my other classes. I was hoping to get an A in this class, although I made some mistakes on the first quiz. This might prevent me from getting an A unfortunately.

The basic conceptions

Study more

• Focus more on the programing part of this course.

Course:	ECE_4424_91321_202109: Machine Learning-ECE_4424_91321_202109
Instructor:	Ming Jin *
Response Rate:	21/24 (87.50 %)

5 - 5A - Please add any additional	comments regarding the course and/or instructor here:
Ming Jin	
Response Rate	9/24 (37.5%)
	ve, and I gain a stronger Machine Learning knowledge base to apply to my future projects, which is great. However, I hope Dr. Jin can create some demos on e processing, since this kind of demo will be a little more practical related.
 can teach the course slower 	
• The teacher is very good, you can ask the	ne teacher any questions you have.
More class examples please. more dept	h in topics.
Try to ask as more question as possible	
His homework really helped my with the	course.
hours at the beginning, the Instructor offic	was nobody in the zoom call. I was unable to join the office hours right at the beginning and would plan to join midway. Since there was nobody in the office hours were ended before the full hour is up. I understand this was done because it seemed that nobody needed office hours that day. But in reality, I just ning and was only available half way through the office hours. This was disappointing to me and hindered my ability to fully learn all of the concepts taught in ike good use of the TA office hours.

Can you post the in class quizzes to canvas

Please have more explanation or give the correct solution on the programming assignment.

Response Option		Weigh	t Frequency	Percent	P	ercent R	espo	nses			Me	ans		
Very Bad		(1)	0	0.00%	1				5.52	1	5.16	5.08		
Bad		(2)	0	0.00%	1									
Poor		(3)	0	0.00%	1									
Fair		(4)	1	4.76%										
Good		(5)	8	38.10%										
Very Good		(6)	12	57.14%										
		•	•	•	0	25	50	100	Question	I I	College	Departmer	ıt	
Response Rate	Mean	STD	Median	College		Mean		STD	Median		Department	Mean	STD	Media
21/24 (87.50%)	5.52	0.60	6.00	19663		5.16		0.98	5.00		2511	5.08	0.99	5.00

7 - 7A - Please add any comments al	pout the physical environment here:
Response Rate	5/24 (20.83%)
• none	
Is zoom course	
Online class works well for me	
• None.	
Online courses	
L	

8 - Please indicate the exte	ent to which	you agree o	or disagre	e with each of	the fo	llowing st	atem	nents:						
I improved my ability to pr	oblem solve													
Response Option		Weigl	ht Frequ	ency Perce	nt	Percent R	espo	onses			Ме	ans		
Strongly disagree		(1)	0	0.00	%				5.52		5.03	5.00		
Disagree		(2)	0	0.00	%							0.00		
Somewhat disagree		(3)	0	0.00	%									
Somewhat agree		(4)	1	4.76	%									
Agree		(5)	8	38.10	%									
Strongly agree		(6)	12	2 57.14	%									
						0 25	50	100	Question	ı	College	Departme	nt	
Response Rate	Mean	STD	Median	College		Mean		STD	Median	D)epartment	Mean	STD	Median
21/24 (87.50%)	5.52	0.60	6.00	19758		5.03		1.10	5.00		2527	5.00	1.09	5.00

Course:	ECE_4424_91321_202109: Machine Learning-ECE_4424_91321_202109
Instructor:	Ming Jin *
Response Rate:	21/24 (87.50 %)

The textbook or course re	eadings mad	e a valuable	contribution to	o my learning							
Response Option		Weigh	t Frequency	Percent	Percent Re	esponses		Me	ans		
Strongly disagree		(1)	0	0.00%	1		5.43				
Disagree		(2)	0	0.00%]			4.54	4.53	1	
Somewhat disagree		(3)	0	0.00%]						
Somewhat agree		(4)	2	9.52%							
Agree		(5)	8	38.10%							
Strongly agree		(6)	11	52.38%							
					0 25	50 100	Question	College	Departmer	nt	
Response Rate	Mean	STD	Median	College	Mean	STD	Median	Department	Mean	STD	Median
21/24 (87.50%)	5.43	0.68	6.00	19631	4.54	1.44	5.00	2514	4.53	1.42	5.00

8 - Please indicate the ex	tent to which	you agree oi	r disagree witl	n each of the	following sta	atements:					
The objectives of the cou	rse were clea	rly explained	l.								
Response Option		Weight	t Frequency	Percent	Percent R	esponses		Ме	ans		
Strongly disagree		(1)	0	0.00%			5.38	5.05	4.97		
Disagree		(2)	0	0.00%	1				4.51		
Somewhat disagree		(3)	0	0.00%	1						
Somewhat agree		(4)	2	9.52%							
Agree		(5)	9	42.86%							
Strongly agree		(6)	10	47.62%							
		·			0 25	50 100	Question	College	Departmer	nt	
Response Rate	Mean	STD	Median	College	Mean	STD	Median	Department	Mean	STD	Median
21/24 (87.50%)	5.38	0.67	5.00	19709	5.05	1.16	5.00	2522	4.97	1.16	5.00

8 - Please indicate the extent to which you agree or disagree with each of the following statements:

The out-of-class assignme	nts were ed	ucationally v	aluable.											
Response Option		Weight	Frequency	Percent	Pe	ercent R	esp	onses			Ме	ans		
Strongly disagree		(1)	0	0.00%	1				5.57		4.97	4.99		
Disagree		(2)	0	0.00%										
Somewhat disagree		(3)	0	0.00%										
Somewhat agree		(4)	0	0.00%										
Agree		(5)	9	42.86%										
Strongly agree		(6)	12	57.14%										
				•	0	25	50	100	Question	ı	College	Departme	nt	
Response Rate	Mean	STD I	Median	College		Mean		STD	Median		Department	Mean	STD	Median
21/24 (87.50%)	5.57	0.51	6.00	19564		4.97		1.23	5.00		2497	4.99	1.21	5.00

9 - The instructor related th	eories and	concepts	to practica	al issue	es.										
Ming Jin															
Response Option		Weig	ght Freq	uency	Percent	P	ercent R	espo	onses			Ме	ans		
Strongly disagree		(1)	0	0.00%					5.70		5.20	5.10		
Disagree		(2)	0	0.00%										
Somewhat disagree		(3)	0	0.00%										
Somewhat agree		(4)	0	0.00%	1									
Agree		(5)	6	30.00%										
Strongly agree		(6) '	14	70.00%										
		•			•	0	25	50	100	Question	ı	College	Departme	nt	
Response Rate	Mean	STD	Median		College		Mean		STD	Median		Department	Mean	STD	Median
20/24 (83.33%)	5.70	0.47	6.00		22134		5.20		1.08	6.00		2507	5.10	1.12	5.00

 Course:
 ECE_4424_91321_202109: Machine Learning-ECE_4424_91321_202109

 Instructor:
 Ming Jin *

 Response Rate:
 21/24 (87.50 %)

10 - Compared to other cou	rses at this	ievel, ti	ne diff	iculty of this	course is:										
Response Option		w	eight	Frequency	Percent	P	ercent R	esp	onses			Me	ans		
much less than average			(1)	0	0.00%	1									
slightly less than average			(2)	1	5.26%					4.53		3.99	3.99		
average			(3)	1	5.26%							0.00	0.00		
slightly more than average			(4)	8	42.11%										
much more than average			(5)	5	26.32%										
I have not taken other course	s at this leve	el	(6)	4	21.05%										
				•		0	25	50	100	Questio	n	College	Departme	nt	
Response Rate	Mean	STD	M	ledian	College		Mean		STD	Median		Department	Mean	STD	Median
19/24 (79.17%)	4.53	1.07		4.00	2524		3.99		1.12	4.00		2524	3.99	1.12	4.00

11 - The grade I expect in the	nis course i	s:									
Response Option		Weigh	t Frequency	Percent	Percent Re	esponses		Me	ans		
not applicable		(1)	0	0.00%	1		6.50	6.11	6.11		
pass		(2)	0	0.00%	1						
F		(3)	0	0.00%	1						
D		(4)	0	0.00%]						
С		(5)	0	0.00%]						
В		(6)	10	50.00%							
A		(7)	10	50.00%							
					0 25	50 100	Question	n College	Departme	nt	
Response Rate	Mean	STD	Median	College	Mean	STD	Median	Department	Mean	STD	Median
20/24 (83.33%)	6.50	0.51	6.50	2513	6.11	1.12	6.00	2513	6.11	1.12	6.00

12 - Approximately how man	ny hours p	er week out	side of cla	ss do you spend	on l	homewo	rk,	reading,	and proje	cts for this cour	se?			
Response Option		Weig	ht Freque	ency Percent	Р	Percent R	es	oonses			Mear	ns		
0-2		(1)	0	0.00%	I									
3-5		(2)	3	15.79%					3.37	3.08		3.08		
6-9		(3)	7	36.84%										
10-14		(4)	8	42.11%										
15 or more		(5)	1	5.26%										
					0	25	50	100	Questio	n College		Departmer	nt	
Response Rate	Mean	STD	Median	College		Mean		STD	Median	Department		Mean	STD	Median
19/24 (79.17%)	3.37	0.83	3.00	2529		3.08		1.04	3.00	2529		3.08	1.04	3.00

13 - At the end of this cours	3 - At the end of this course, how do I rate my ability to:													
Analyze and contrast board	classes of	f machine le	arning alg	jorithms (supervi	sed	vs. unsu	per	vised vs	. semi-sup	oervis	sed)			
Response Option	Weigh	nt Freque	ency Percent	ency Percent Percent Responses						Me	ans			
Poor		(1)	0	0.00%					3.57		3.43	3.43		
Fair		(2)	1	4.76%										
Good		(3)	7	33.33%										
Excellent		(4)	13	61.90%										
N/A		(0)	0	0.00%	1									
					0	25	50	100	Question	ı	College	Departme	nt	
Response Rate	Mean	STD	Median	College		Mean		STD	Median		Department	Mean	STD	Median
21/24 (87.50%)	3.57	0.60	4.00	35		3.43		0.74	4.00		35	3.43	0.74	4.00

Course:	ECE_4424_91321_202109: Machine Learning-ECE_4424_91321_202109
Instructor:	Ming Jin *
Response Rate:	21/24 (87.50 %)

13 - At the end of this course, how do I rate my ability to:

Describe and apply fundamental concepts of learning from data (maximum likelihood estimation, maximum a posteriori, overfitting vs underfitting, regularization, cross-validation)

	-												
Response Option		lesponses	s Means										
Poor		(1)	0	0.00%	1		3.52	3.26	3.26				
Fair		(2)	2	9.52%									
Good		(3)	6	28.57%									
Excellent		(4)	13	61.90%									
N/A		(0)	0	0.00%]								
					0 25	50 100	Question	n College	Departmen	ıt			
Response Rate	Mean	STD	Median	College	Mean	STD	Median	Department	Mean	STD	Median		
21/24 (87.50%)	3.52	0.68	4.00	35	3.26	0.85	3.00	35	3.26	0.85	3.00		

13 - At the end of this course, how do I rate my ability to:

Explain and program supervised learning algorithms for regression (e.g. least squares via pseudo-inverse)

Response Option Weight Frequency Percent Percent Responses Means											
Poor		(1)	0	0.00%	1		3.48	3.20	3.20		
Fair		(2)	3	14.29%				0.20	0.20		
Good		(3)	5	23.81%							
Excellent		(4)	13	61.90%							
N/A		(0)	0	0.00%							
					0 25	50 100	Question	College	Departme	nt	
Response Rate	Mean	STD	Median	College	Mean	STD	Median	Department	Mean	STD	Mediar
21/24 (87.50%)	3.48	0.75	4.00	35	3.20	1.02	4.00	35	3.20	1.02	4.00

13 - At the end of this course, how do I rate my ability to:

Explain and program supervised learning algorithms for classification (e.g. logistic regression via gradient descent, support vector machines via Quadratic Programming)

Response Option	Percent	Р	ercent R	es	ponses	Means									
Poor		(1)		0	0.00%	1				3.62		3.20	3.20		
Fair		(2)		1	4.76%										
Good		(3)		6	28.57%										
Excellent		(4)		14	66.67%										
N/A		(0)		0	0.00%	1									
		·				0	25	50) 100	Question		College	Departme	nt	
Response Rate	Mean	STD	Median	1	College		Mean	Г	STD	Median		Department	Mean	STD	Median
21/24 (87.50%)	3.62	0.59	4.00		35		3.20		1.02	4.00		35	3.20	1.02	4.00

13 - At the end of this cours	se, how do	l rate my at	oility to:													
Describe and program unsu	upervised I	earning alg	orithms fo	or cluster	ing (e.g. ki	mea	ns)									
Response Option	Weig	ht Frequ	iency	Percent	Pe	ercent R	les	ponses			Me	ans				
Poor		(1)	0)	0.00%	Ι				3.38	_	3.06	3.06			
Fair		(2)	3	3	14.29%		I					3.06	3.06			
Good		(3)	7	7	33.33%											
Excellent		(4)	1	1	52.38%											
N/A		(0)	0)	0.00%	1										
						0	25	5	0 100	Questio	n	College	Departme	nt		
Response Rate	Mean	STD	Median	С	ollege		Mean	Т	STD	Median		Department	Mean	STI	D	Median
21/24 (87.50%)	3.38	0.74	4.00		35		3.06		0.97	3.00		35	3.06	0.9	7	3.00

Course:	ECE_4424_91321_202109: Machine Learning-ECE_4424_91321_202109
Instructor:	Ming Jin *
Response Rate:	21/24 (87.50 %)

13 - At the end of this cou	rse, how do	rate my ab	ility to:																	
Design and implement a t	echnical proj	ect, and ap	ply develo	ped techniques to	o real	-world	data	isets (in	nages, text	, robotics, etc.)										
Response Option		Weigl	nt Freque	ency Percent	Ре	rcent R	esp	onses		M	eans									
Poor		(1)	0	0.00%	1				3.45	3.24	3.24									
Fair		(2)	1	4.76%																
Good		(3)	9	42.86%																
Excellent		(4)	10	47.62%																
N/A		(0)	1	4.76%																
					0	25	50	100	Question	n College	Departme	nt								
Response Rate	Mean	STD	Median	College		Mean	Τ	STD	Median	Department	Mean	STD	Median							
21/24 (87.50%)	3.45	0.60	3.50	35		3.24		0.85	3.00	35	3.24	0.85	3.00							