

**Spring 2021 SOTE Survey
2212 (2021)**

**San Jose State University
SJSU**





Course: DATA_245(10W) 21 - Machine Learning Tec

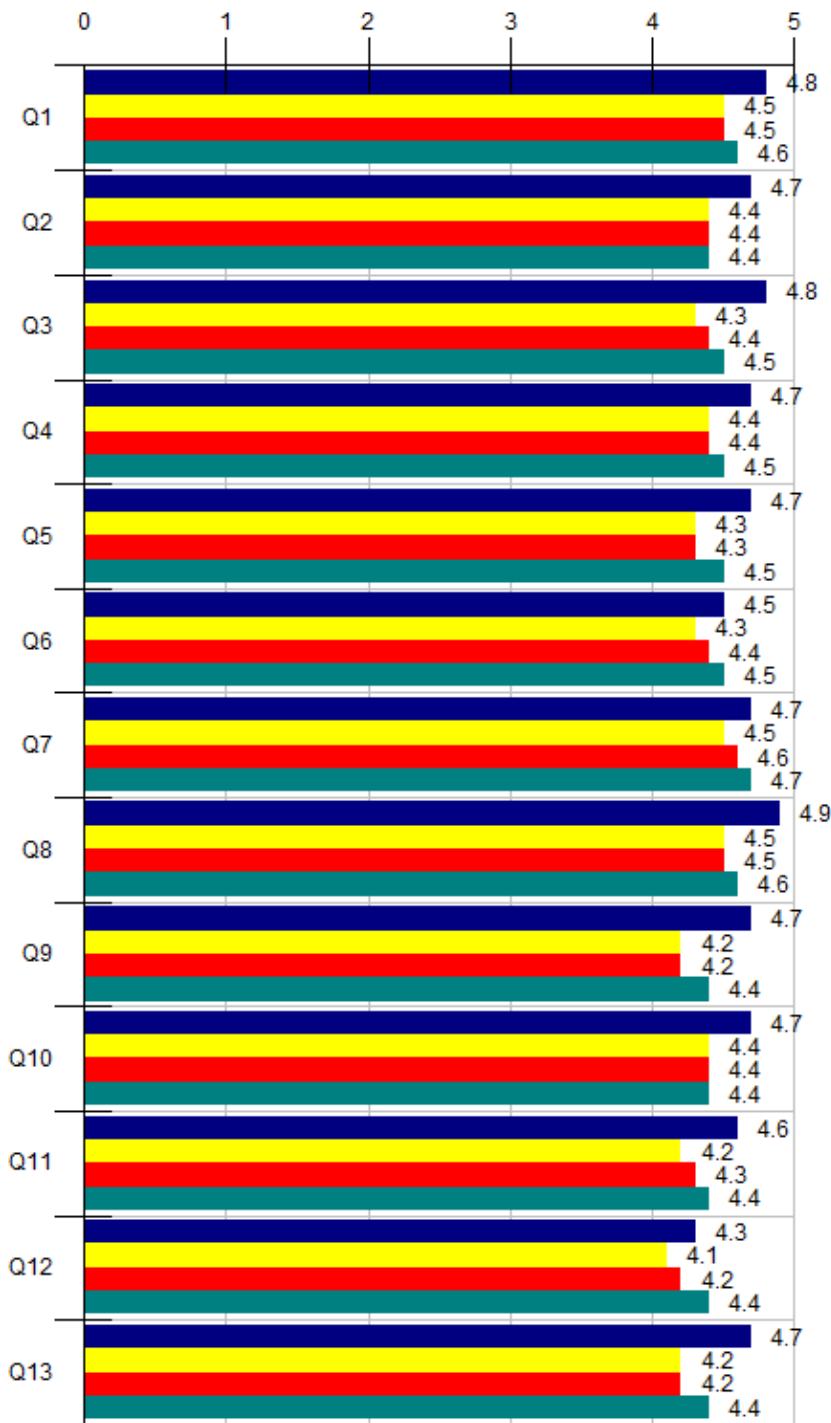
Department: 120-DATA

**Responsible
Faculty:** Vishnu Pendyala

Responses / Expected: 30 / 40 (75%)

Graph Legend

-  Vishnu Pendyala
-  120-DATA Faculty
-  Default Faculty
-  All Faculty



Vishnu Pendyala

--- Survey Comparisons ---

NEW SOTE	Responses	Individual				120-DATA				Default				All									
		5A	4	3	2	1D	N	Mean	Grp Med	N/A	Std Dev	N	Mean	Grp Med	Pct Rnk	N	Mean	Grp Med	Pct Rnk	N	Mean	Grp Med	Pct Rnk
Q1	Demonstrated relevance of the course content.	23	7	0	0	0	30	4.8	4.8	0	.42	479	4.5	4.7	84	510	4.5	4.7	73	74K	4.6	4.8	61
Q2	Used assignments that	23	5	2	0	0	30	4.7	4.8	0	.59	480	4.4	4.7	78	511	4.4	4.7	78	74K	4.4	4.7	67

	enhanced learning.																						
Q3	Summarized/emphasized important points.	23	7	0	0	0	30	4.8	4.8	0	.42	480	4.3	4.6	84	511	4.4	4.6	73	73K	4.5	4.7	72
	Was responsive to questions and comments from students.																						
Q4		23	5	2	0	0	30	4.7	4.8	0	.59	478	4.4	4.7	84	509	4.4	4.7	68	73K	4.5	4.8	53
	Established an atmosphere that facilitated learning.																						
Q5		23	6	1	0	0	30	4.7	4.8	0	.51	480	4.3	4.6	84	511	4.3	4.7	73	73K	4.5	4.7	66
	Was approachable for assistance.																						
Q6		19	7	2	1	0	29	4.5	4.7	1	.77	472	4.3	4.7	75	503	4.4	4.7	60	73K	4.5	4.8	37
	Was respectful of the diversity of students in this class.																						
Q7		24	4	2	0	0	30	4.7	4.9	0	.57	476	4.5	4.8	78	507	4.6	4.8	63	71K	4.7	4.8	43
	Showed strong interest in teaching this class.																						
Q8		27	2	1	0	0	30	4.9	4.9	0	.43	479	4.5	4.7	84	510	4.5	4.8	73	73K	4.6	4.8	72
	Used teaching methods that helped students learn important concepts.																						
Q9		24	4	2	0	0	30	4.7	4.9	0	.57	478	4.2	4.6	84	509	4.2	4.6	83	73K	4.4	4.7	74
	Used grading criteria that were clear.																						
Q10		22	7	1	0	0	30	4.7	4.8	0	.53	480	4.4	4.7	72	511	4.4	4.7	73	73K	4.4	4.7	67
	Helped students analyze complex/abstract ideas.																						
Q11		20	9	1	0	0	30	4.6	4.8	0	.55	473	4.2	4.5	84	504	4.3	4.6	73	73K	4.4	4.7	61
	Provided meaningful feedback about student work.																						
Q12		19	7	1	1	2	30	4.3	4.7	0	1.14	475	4.1	4.6	66	506	4.2	4.6	53	72K	4.4	4.7	35
	Overall, this instructor's teaching was effective.																						
Q13		22	7	0	1	0	30	4.7	4.8	0	.65	476	4.2	4.5	84	507	4.2	4.6	78	74K	4.4	4.7	62

Responses: [5A] 5=Strongly Agree=5 [4] 4=Agree=4 [3] 3=Neutral=3 [2] 2=Disagree=2 [1D] 1=Strongly Disagree=1
Pct Rnk: Percentile Rank (100 is best, calculated vs. precise Mean)

Q14 - What do you think are the strengths of this instructor's teaching?

Faculty: Vishnu Pendyala

Response Rate: 70.00% (21 of 30)

- 1 study group
- 2 professor is so kind and nice to students, he really wants to help us all
- 3 note
- 4 deep knowledge about the area
- 5 Very clear and good real time examples for understanding.



- 6 Vast Knowledge on the topic
- 7 This instructor captures important knowledge and his lessons are intuitive.
- 8 The professor likes to encourage us to ask questions in class. No matter how dumb the question looks like, the professor always gives us a detailed explanation and double-checks us to see if we are really understood.
- 9 The Professor made the complex subject simple and easy to grasp. He was very eager to explain any doubt that a student raised.
- 10 Instructor accommodated to every student's pace, homeworks were extremely effective and provided a good learning platform to implement what was taught in the class. Every lecture was very interactive and progressive.
- 11 I really appreciate professor Vishnu Pendyala's teaching philosophy which is not leaving one student behind. He respects and responds to every single question from the students. I learned a lot in this class.
- 12 He was so involved in the class. Keeping all the students interactive via question and answer.
- 13 He patiently explained the concept and answered student's questions. He encouraged students to ask questions.
- 14 He is very helpful to his students. He explains the concept thoroughly before moving to the next lesson. He is very patient and provides examples in order for students to understand the theories.
- 15 He explains the topics well. It also helps that we have to turn in lecture notes each week. The notes help reinforce the lecture.
- 16 Excellent at teaching to both the top and the bottom of the class.
- 17 Attentive, knowledgeable, overall an obvious care for the student's success.
- 18 Although I felt this class was significantly more time intensive than my previous classes and I didn't like some of the policies, I learned A LOT from the assignments given.
- 19
1. His passion to make sure all students understand the class
 2. His effort in making the class interactive specifically making it interactive impacted my interest towards the class
 3. Class Notes and submission idea, helped us indirectly to revise the class notes once
- 20
- 1) Depth in knowledge.
 - 2) Can teach complex concepts in a simple way.
 - 3) Always provides real time example to help students understand.
- Fantastic at breaking down complex ideas and conveying information
- Really good at answering questions and reframing answers
- 21 - Homework was really useful, well thought-out and the resources provided were very helpful
- Very responsive to emails

Q15 - What suggestions, if any, do you have to further improve the instructor's teaching?

Faculty: Vishnu Pendyala

Response Rate: 50.00% (15 of 30)

- 1 n/a
- 2 if he can make the PPT more clearly and more important points
- 3 The teacher/TA provided almost no feedback on student work, it is difficult to learn from your mistakes this way or know what concepts you have a misunderstanding in. The teacher was not receptive to providing individualized feedback to students.
- 4 Some of the examples were a little to simple.
- 5 Quiz results are not provided, leaving us unaware of what questions were wrong. This limits the student's scope to improve in the area he/she failed on the quiz.
- 6 None
- 7 No suggestions. Professor Vishnu did a great job in teaching machine learning. Hope I can take his course next semester.
- 8 N/A
- 9 It would have been nice if the Professor kept 2-3 sessions for practical learning and code walkthrough to see ML models in action instead of learning everything practical coding ourselves.
- 10 I wish we could see what questions we got wrong, and have hw solutions so we can correct our mistakes.

I think the homework can be more complex. Machine learning is a very high-level and complex course. I think we can have more challenges with the homework. I know student's abilities are varied. The homework grading policy can be flexible in order to encourage students to focus on the questions.
- 12 Homework is a lot of work.
- 13 Giving more reading materials
- 14 As of now, there is nothing. I liked his teaching strategy.

- Work on pacing / classroom control, if students bring up the same question repeatedly (wanting quiz answers) just say you've already talked about it and move on, spending time reiterating was wasteful
- 15
- More detailed rubrics for homework questions would be nice

Q16 - If you like, please use this space to elaborate on your responses.

Faculty: Vishnu Pendyala

Response Rate: 16.67% (5 of 30)

- 1 n/a
- 2 Wishing to have Prof. Vishnu in third semester as well, to teach 'deep learning', since his teachings are very effective and can help us to acquire great knowledge.

- 3 One of the best course I have taken in my masters.
- 4 Nice class
- 5 Don't be afraid to go faster. The lectures are recorded, so the students who don't get it the first time around can just rewatch them.



Student Background	Vishnu Pendyala							Individual
	Responses							
	F	S	J	S	GS	CO	O	N
Q17 You are a:	1	0	0	0	29	0	0	30

Responses: [F] Freshman [S] Sophomore [J] Junior [S] Senior [GS] Graduate Student [CO] Credential Only [O] Other

Student Background	Vishnu Pendyala					
	Responses					Individual
	A	B	C	DOF	O	N
Q18 What is your current estimate of your expected overall grade in this course?	18	11	0	0	1	30

Responses: [A] A [B] B [C] C [DOF] D or F [O] Other

Final GPA Awarded in the Course

Below is a summary of this class section's official grades as posted on MySJSU after the end of the semester. This information is not available if no letter grades were assigned in the course.

Course Avg Grade: 3.21 (40 Students)

Survey Participant Avg Grade: 3.30 (30 Students)

Survey Non-participant Avg Grade: 2.93 (10 Students)

Distribution by Question: *What is your current estimate of your expected overall grade in this course?*

Distribution: [A] A [B] B [C] C [DOF] D or F [O] Other

EVALUATED	QUESTION	A	B	C	DOF	O	NO ANS
Vishnu Pendyala	Demonstrated relevance of the course content.	4.7 (18)	4.8 (11)			5 (1)	
Vishnu Pendyala	Established an atmosphere that facilitated learning.	4.7 (18)	4.9 (11)			3 (1)	
Vishnu Pendyala	Helped students analyze complex/abstract ideas.	4.7 (18)	4.7 (11)			3 (1)	
Vishnu Pendyala	Overall, this instructor's teaching was effective.	4.7 (18)	4.8 (11)			2 (1)	

Vishnu Pendyala	Provided meaningful feedback about student work.	4.1 (18)	4.9 (11)			3 (1)	
Vishnu Pendyala	Showed strong interest in teaching this class.	4.9 (18)	5 (11)			3 (1)	
Vishnu Pendyala	Summarized/emphasized important points.	4.8 (18)	4.7 (11)			4 (1)	
Vishnu Pendyala	Used assignments that enhanced learning.	4.7 (18)	4.6 (11)			5 (1)	
Vishnu Pendyala	Used grading criteria that were clear.	4.7 (18)	4.8 (11)			3 (1)	
Vishnu Pendyala	Used teaching methods that helped students learn important concepts.	4.8 (18)	4.8 (11)			3 (1)	
Vishnu Pendyala	Was approachable for assistance.	4.4 (18)	4.8 (10)			3 (1)	– (1)
Vishnu Pendyala	Was respectful of the diversity of students in this class.	4.7 (18)	4.9 (11)			3 (1)	
Vishnu Pendyala	Was responsive to questions and comments from students.	4.7 (18)	4.9 (11)			3 (1)	

Question Responses based on: [5A] 5=Strongly Agree=5 [4] 4=Agree=4 [3] 3=Neutral=3 [2] 2=Disagree=2 [1D] 1=Strongly Disagree=1

Additional Information

- Please see [About this SOTE Report](#).
- Looking for SOTE or SOLATE college-level norms? Please see the [norms addendum](#) on the IEA web site.