

**Spring 2023 SOTE (In-Cycle) Survey  
2232 (2023)**

**San Jose State University  
SJSU**

**Course:** DATA\_245(10W) 22 - Machine Learning Tec

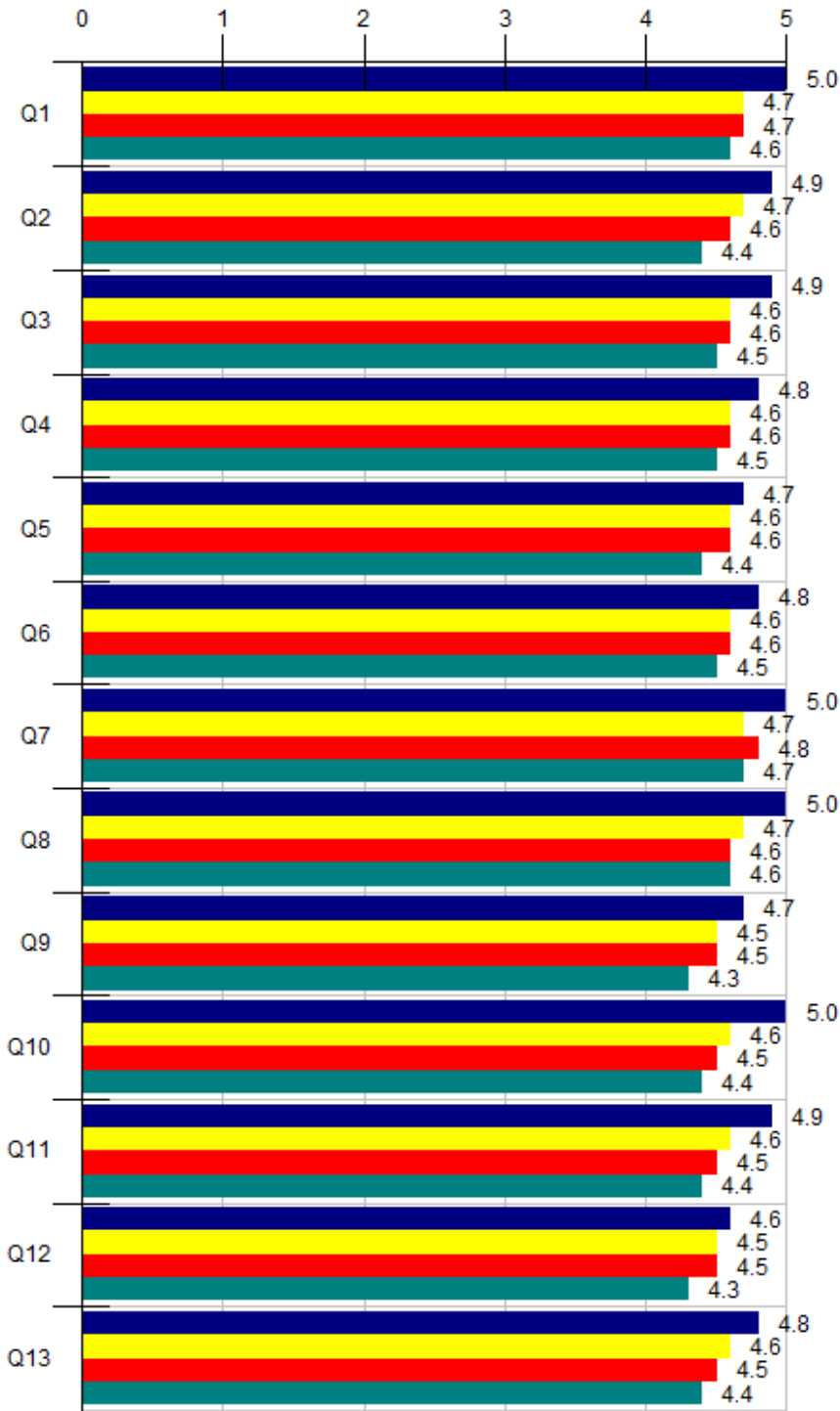
**Department:** 120-DATA

**Responsible Faculty:** Vishnu Pendyala

**Responses / Expected:** 29 / 32 (90.63%)

**Graph Legend**

- Vishnu Pendyala
- 120-DATA Faculty
- 51-CPGE Faculty
- All Faculty



NEW SOTE	Vishnu Pendyala										--- Survey Comparisons ---														
	Responses					Individual					120-DATA					51-CPGE					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.																								
Q2	Used assignments that																								

	enhanced learning.																						
Q3	Summarized/emphasized important points.	27	2	0	0	0	29	4.9	5.0	0	.25	671	4.6	4.8	86	3.5K	4.6	4.8	86	59K	4.5	4.7	89
Q4	Was responsive to questions and comments from students.	26	1	2	0	0	29	4.8	4.9	0	.53	672	4.6	4.8	80	3.5K	4.6	4.8	59	59K	4.5	4.8	71
Q5	Established an atmosphere that facilitated learning.	23	4	1	1	0	29	4.7	4.9	0	.70	671	4.6	4.8	66	3.5K	4.6	4.8	53	59K	4.4	4.7	61
Q6	Was approachable for assistance.	26	1	1	1	0	29	4.8	4.9	0	.66	671	4.6	4.8	70	3.4K	4.6	4.8	55	59K	4.5	4.8	67
Q7	Was respectful of the diversity of students in this class.	29	0	0	0	0	29	5.0	5.0	0	0	668	4.7	4.9	94	3.2K	4.8	4.9	90	58K	4.7	4.8	91
Q8	Showed strong interest in teaching this class.	29	0	0	0	0	29	5.0	5.0	0	0	671	4.7	4.8	96	3.5K	4.6	4.8	93	59K	4.6	4.8	92
Q9	Used teaching methods that helped students learn important concepts.	23	4	1	1	0	29	4.7	4.9	0	.70	669	4.5	4.7	70	3.5K	4.5	4.8	61	59K	4.3	4.7	71
Q10	Used grading criteria that were clear.	28	1	0	0	0	29	5.0	5.0	0	.18	670	4.6	4.8	94	3.5K	4.5	4.8	93	59K	4.4	4.7	93
Q11	Helped students analyze complex/abstract ideas.	26	2	1	0	0	29	4.9	4.9	0	.43	670	4.6	4.8	82	3.5K	4.5	4.7	86	59K	4.4	4.7	86
Q12	Provided meaningful feedback about student work.	22	4	2	1	0	29	4.6	4.8	0	.76	665	4.5	4.8	50	3.5K	4.5	4.8	55	58K	4.3	4.7	62
Q13	Overall, this instructor's teaching was effective.	23	5	1	0	0	29	4.8	4.9	0	.50	672	4.6	4.8	66	3.5K	4.5	4.8	62	59K	4.4	4.7	73

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: 75.86% (22 of 29)

- 1 vivid teaching style
- 2 nice and clear
- 3 great stories to explain concepts
- 4 good instructions method and demonstration and explaining math background
- 5 The professor cares every student and wants every student can learn from this class. Also, he tries to have many different kinds of assignments that help us to develop our career plan.  
The instructor is one of the best professors that I've ever had. He explains everything very detailed and starts in the simple way so that everyone can understand. It's very important to note that Professor Pendyala really cares about his students. He wants everyone to study and understand. I hope I can take his class again!!! Thank you !!
- 7 The examples in class, the flow of the course.
- 8 Professor uses a lot of relevant examples which makes the topic easier to understand.



- 9 Prof. Pendyala's teachings are very effective, he touches the core concepts in the class and helps students to remember them for a long term. Very effective summarization, takeaways, quiz all of them contribute to the long term learning.
- 10 Making students think about the logic behind a situation. Applying concepts to real-life situations
- 11 I enjoyed his approach to teaching the class as it's more discussion-based. He ensures that no student is left behind and clarifies a lot of concepts in finer detail. He emphasizes important questions and comes up with useful analogies that relate machine learning to human learning and life. His teaching methods are very effective and engaging. He also creates a fun, safe, respectful learning environment for all students.
- 12 He loves teaching and his real-life case studies are very interesting to listen to in the class
- 13 He knows what students need to understand and starts the topic from scratch and easy to understand.
- 14 He is very knowledgeable and has good patience.
- 15 He is the best professor I have ever studied under, he is honest to his profession and works every possible way to make his course worth. He gives the explanation, intuition in the most effective way ( though I am worst at mathematics but I try to put my efforts because of his interest in teaching us which made us to put our efforts as well). If given a chance we have some other subjects in future under him only. He is the best.
- 16 He has a lot of knowledge on the field, and he seems very passionate about the topics he teaches, he makes you analyze everything which I really liked, because I think that is closer to the real world experience
- 17 He asked many questions in class, and I learned a lot from those questions.
- 18 Gripping on his ML knowledge is the strength of the Instructor
- 19 Good
- 20 Good interactive class
- As a student, the teaching effectiveness, course design, modalities, and methodologies are all excellent in my machine learning class. The strength of this instructor's teaching lies in his ability to engage and motivate students while presenting complex concepts in an easily digestible manner.
- Professor Vishnu Pendyala is passionate and knowledgeable about the subject matter, and his enthusiasm is contagious. He can communicate the concepts effectively, using real-world examples to help contextualize the material and make it more relatable. His way of teaching is interactive, and he encourages student participation through group discussions and projects.
- 21 The course design is also a strength of this instructor's teaching. The learning objectives are clear, and the assessments are challenging but achievable. The assignments and projects provide a valuable opportunity to apply the concepts learned in class and develop problem-solving skills.
- This instructor's teaching strength is his ability to present complex concepts relatable and engagingly. His passion for the subject matter is evident and helps motivate students to learn and succeed. The course design and assessments are well-structured, providing a solid foundation for learning and growth. I am fortunate to have such an excellent instructor, and I highly recommend this course to anyone interested in machine learning.
- 22 1. His teaching methods are very inspiring. Professor wants us really to learn something and make us think. 2. His homework and project cover lots of stuff. I really learn much from both his class and after-class.

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

**Faculty:** Vishnu Pendyala

**Response Rate:** 58.62% (17 of 29)

- 1 record the classes because some concepts do need a second learning
- 2 no

3 nothing !

4 none

5 The only suggestion, I would like to make is on the length of the homework and too many evaluation criteria's in the project rubrik. Some of the criteria's may be relaxed like Usage of Grammarly (capturing evidences etc), emphasizing on the latex use. Students can choose the tool and focus can be on the outcome.

6 Please focus more on the practical part of the course. We did nothing but only math in the whole course. There was very less coding involved and especially the use of libraries

7 Overall course is good

8 Nothing, he is very good and devoted professor.

9 None

10 No Nothing

11 N/A

12 N/A

13 I would like to see less mathematical explanations behind machine learning models and instead learn the applications of the models, also we didnt receive any feedback on our exams which made it harder to prepare for other exams

14 I would like to have more feedbacks on my quizzes and exams.

15 He is perfect and doesn't need any improvement.

16 Great class

17 Can you please share the slides in advance so that we can get well prepared for the class. Because most of us have weak background of math. So if we get the slides earlier, we can study the math part ourselves before class begins. I think the class will be more effective in this way.

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

**Faculty: Vishnu Pendyala**

**Response Rate: 37.93% (11 of 29)**

1 no

2 none

3 Very Good didactic skills

4 The course is good and the homework are too good to get the knowledge.

5 NA

6 NA

7 N/A



8 N/A

9 I was lucky to have a chance to learn from such an amazing professor !

10 Great class



As a student participating in a machine learning course, my experience has been overwhelmingly positive, largely attributable to the exceptional teaching abilities of my professor. I firmly believe that he is the quintessential educator for me, given his captivating teaching style and his aptitude for presenting complex ideas in an accessible manner. This allows me to not only understand the concepts but also apply them effectively. Furthermore, his insightful feedback and guidance have contributed to my continued growth and progress in the realm of machine learning.

11 The significance of having a top-notch educator cannot be overstated. It greatly enhances the overall learning experience, ensuring that the course is both enjoyable and intellectually stimulating. Moreover, it encourages consistent motivation and engagement, culminating in improved learning outcomes. I consider myself fortunate to have a professor who demonstrates such a high level of commitment and enthusiasm for teaching machine learning. This, in turn, fuels my excitement for continuing to acquire knowledge and refine my skills under his expert guidance throughout the duration of the course.

Student Background	Vishnu Pendyala							
	Responses						Individual	
	F	S	J	S	GS	CO	O	N
Q17 You are a:	0	0	1	0	28	0	0	29

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?	15	13	1	0	0	29

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: could not be calculated**

### 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.	5 (15)	4.9 (13)	5 (1)			
Vishnu Pendyala	Established an atmosphere that facilitated learning.	4.9 (15)	4.4 (13)	5 (1)			
Vishnu Pendyala	Helped students analyze complex/abstract ideas.	5 (15)	4.7 (13)	5 (1)			
Vishnu Pendyala	Overall, this instructor's teaching was effective.	4.9 (15)	4.5 (13)	5 (1)			
Vishnu	Provided meaningful feedback about student work.	4.8	4.4	5			

Pendyala		(15)	(13)	(1)			
Vishnu Pendyala	Showed strong interest in teaching this class.	5 (15)	5 (13)	5 (1)			
Vishnu Pendyala	Summarized/emphasized important points.	4.9 (15)	4.9 (13)	5 (1)			
Vishnu Pendyala	Used assignments that enhanced learning.	4.9 (15)	4.8 (13)	5 (1)			
Vishnu Pendyala	Used grading criteria that were clear.	5 (15)	4.9 (13)	5 (1)			
Vishnu Pendyala	Used teaching methods that helped students learn important concepts.	4.9 (15)	4.4 (13)	5 (1)			
Vishnu Pendyala	Was approachable for assistance.	5 (15)	4.5 (13)	5 (1)			
Vishnu Pendyala	Was respectful of the diversity of students in this class.	5 (15)	5 (13)	5 (1)			
Vishnu Pendyala	Was responsive to questions and comments from students.	5 (15)	4.6 (13)	5 (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.