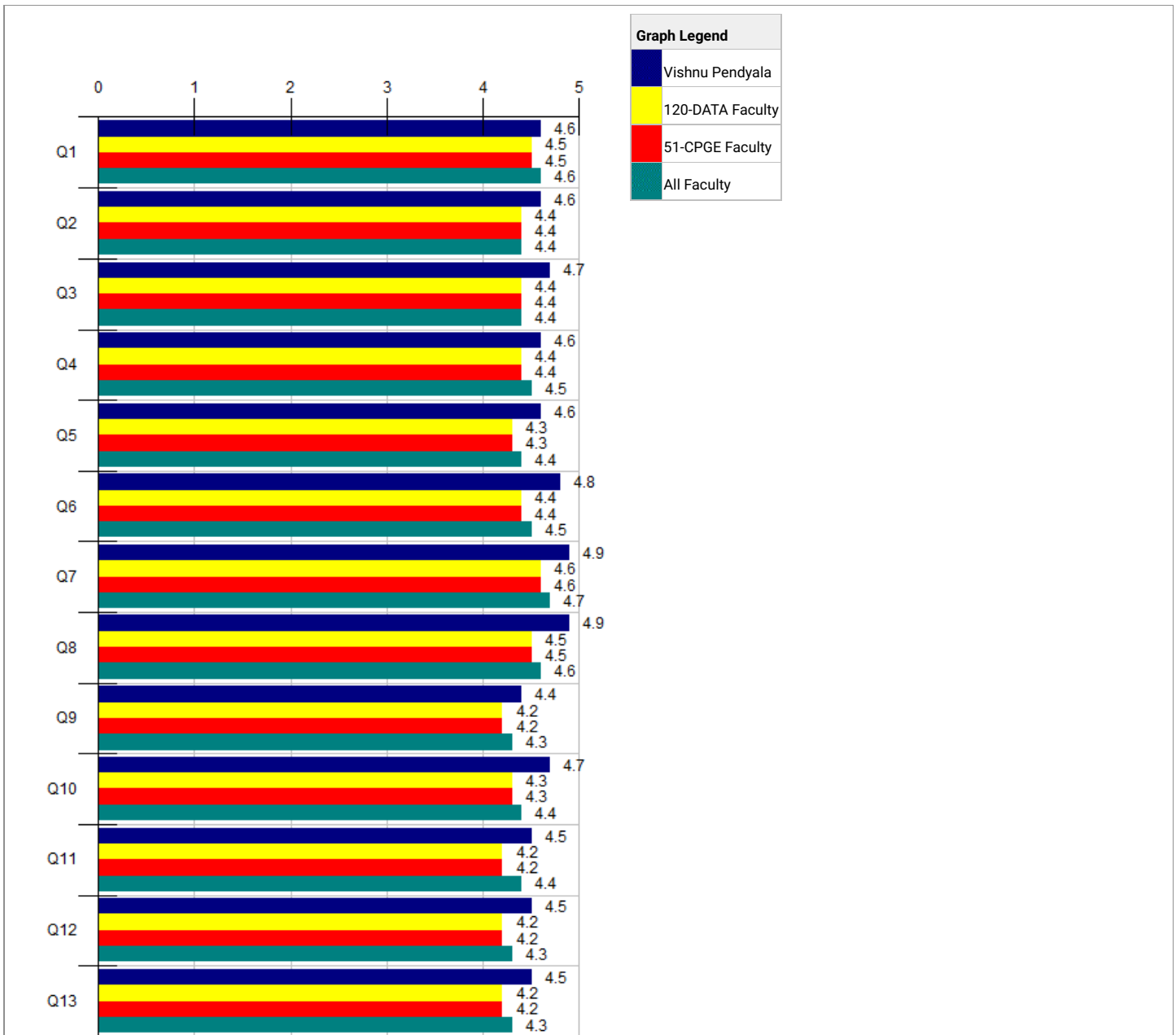


**Fall 2021 SOTE Survey
FALL_2021**

**San Jose State University
SJSU**

Course:	DATA_245(10W) 21 - Machine Learning Tec	Department:	120-DATA
Responsible Faculty:	Vishnu Pendyala	Responses / Expected:	40 / 52 (76.92%)



NEW SOTE	Vishnu Pendyala										--- Survey Comparisons ---											
	Responses					Individual					120-DATA				51-CPGE				All			
	5A	4	3	2	1D	N	Mean	Grp	N/A	Std	N	Mean	Grp	Pct	N	Mean	Grp	Pct	N	Mean	Grp	Pct

									Med	Dev			Med	Rnk		Med	Rnk		Med	Rnk			
Q1	Demonstrated relevance of the course content.	29	7	3	0	1	40	4.6	4.8	0	.83	432	4.5	4.7	63	432	4.5	4.7	63	62K	4.6	4.8	39
Q2	Used assignments that enhanced learning.	30	7	1	2	0	40	4.6	4.8	0	.76	433	4.4	4.7	68	433	4.4	4.7	68	62K	4.4	4.7	60
Q3	Summarized/emphasized important points.	29	9	2	0	0	40	4.7	4.8	0	.57	432	4.4	4.6	82	432	4.4	4.6	82	62K	4.4	4.7	63
Q4	Was responsive to questions and comments from students.	27	10	3	0	0	40	4.6	4.8	0	.62	432	4.4	4.7	61	432	4.4	4.7	61	62K	4.5	4.8	44
Q5	Established an atmosphere that facilitated learning.	26	12	2	0	0	40	4.6	4.7	0	.58	433	4.3	4.6	66	433	4.3	4.6	66	62K	4.4	4.7	52
Q6	Was approachable for assistance.	32	6	2	0	0	40	4.8	4.9	0	.54	428	4.4	4.7	71	428	4.4	4.7	71	62K	4.5	4.7	63
Q7	Was respectful of the diversity of students in this class.	35	4	1	0	0	40	4.9	4.9	0	.42	423	4.6	4.8	82	423	4.6	4.8	82	60K	4.7	4.8	65
Q8	Showed strong interest in teaching this class.	35	4	1	0	0	40	4.9	4.9	0	.42	433	4.5	4.7	82	433	4.5	4.7	82	62K	4.6	4.8	68
Q9	Used teaching methods that helped students learn important concepts.	22	13	3	1	1	40	4.4	4.6	0	.91	433	4.2	4.6	55	433	4.2	4.6	55	62K	4.3	4.6	40
Q10	Used grading criteria that were clear.	27	12	1	0	0	40	4.7	4.8	0	.53	433	4.3	4.7	66	433	4.3	4.7	66	62K	4.4	4.7	63
Q11	Helped students analyze complex/abstract ideas.	24	11	4	1	0	40	4.5	4.7	0	.77	430	4.2	4.5	61	430	4.2	4.5	61	62K	4.4	4.6	46
Q12	Provided meaningful feedback about student work.	26	8	6	0	0	40	4.5	4.7	0	.74	432	4.2	4.6	71	432	4.2	4.6	71	61K	4.3	4.6	52
Q13	Overall, this instructor's teaching was effective.	26	10	3	0	1	40	4.5	4.7	0	.84	432	4.2	4.5	66	432	4.2	4.5	66	62K	4.3	4.7	47

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:	60.00% (24 of 40)

1	looks for every student and teach	
2	Way of teaching. Good lecture.	
3	Very detailed explanation of everything	
4	The professor is very interested in the depth of the subject and goes deep down while teaching the concepts. Classnotes are helpful for quizzes.	
5	Teaching notes and assignments	
6	Teaching Model	
7	Strong knowledge in this field effective teaching method and assignments format	
8	Professors put in a lot of efforts to make topics more fascinating and understandable, and the examples he use to explain concepts were very useful in better understanding the subject and connecting the instances to the mind.	
9	Professor considers every student. HE does not leave any student behind which makes us feel very comfortable during the lectures by getting all the details with	

	clarity.	
10	Professor explains the concepts in convincing way so if a student is new to the course, they can understand the concept easily.	
11	Professor explains the same concept from many different angles to help students understand.	
12	Prof. Vishnu takes more effort by teaching from basics that really helps us to be more interested in the subject.	
13	Passion towards teaching	
14	NA	
15	Maths with machine learning help to understand the core concepts.	
16	He is very very passionate about helping students learn, and has clearly spent time into developing criteria on how to facilitate learning.	
17	He interacts well with the students with all due respect. I never felt scared to communicate with Vishnu Professor unlike others. Grateful to have him as Professor.	
18	Good teaching material / slides Professor give enough time for important concepts to be taught Cites relevant example or case study Homeworks are really good learning exercise.	
19	Good course work, teachings and assignments	
20	Excellent teaching, patient while explaining, shares all industry knowledge, effective assignment.	
21	Excellent teaching. Real comparison of course with industry problems.	
22	Depth of knowledge and willingness to adapt to meet students at level where they are to help bring them up to speed.	
23	Covers all basic concepts and Math which are important to understand ML algorithm	
24	Assignments gave us a chance to explore and learn new concepts and implement them on various datasets.	

Q15 - What suggestions, if any, do you have to further improve the instructor's teaching?	
Faculty:	Vishnu Pendyala
Response Rate:	42.50% (17 of 40)

1	practical in class exercise should be there and as it was related to math, subjective knowledge was not enough to implement Machine learning	
2	na	

3	Some of the examples professor provided were not that relevant to our current understanding.	
4	Some Demo on machine learning coding, in-class hands-on modeling activities	
5	Nothing Much, Can avoid every week class notes submission	
6	Nil	
7	NO	
8	NA	
9	NA	
10	NA	
11	More concepts on ML can be covered.	
12	Frankly, the instructor tries to impose challenges that were oftentimes more discouraging than they were helpful. The slides did not help learning and not very slide was included	
13	Exams, quizzes and assignments are hard.	
14	Even though most of the homeworks cover the practical use of every concepts that is important to learn, a live programming demo of some of the concepts (Machine Learning) included in the class would be really helpful for students. 3 Hrs of continuous theoretical session some time become bit exhaustive for students, hence a combination of Theory and Practical (Programming) would be even better from a students perspective.	
15	Evaluation of one sample machine learning solution could be helpful for quick understanding.	
16	Along with theory part, some practical teaching like introduction to some case studies and how the problem is solved will be helpful if time permits	
17	-	

Q16 - If you like, please use this space to elaborate on your responses.	
Faculty:	Vishnu Pendyala
Response Rate:	20.00% (8 of 40)

1	na	
2	Professor Vishnu's teaching methods and the way he makes topics more interesting and easier to learn have left me so amazed that I hope he continues to teach us such important subjects in the future.	
3	Prof. Vishnu's way of teaching is so good that I like to take his class again.	
4	NA	

5	NA	
6	NA	
7	He is too firm in his beliefs and while that can be good, his beliefs in how students learn best may not apply to everyone. it did not in my case.	
8	-	

Student Background		Vishnu Pendyala							
		Responses					Individual		
		F	S	J	S	GS	CO	O	N
Q17	You are a:	0	0	0	0	40	0	0	40

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?	28	11	0	0	1	40

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: 3.38 (52 Students)
- Survey Participant Avg Grade: 3.43 (40 Students)
- Survey Non-participant Avg Grade: 3.23 (12 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.	4.6 (28)	4.5 (11)			5 (1)	
Vishnu Pendyala	Established an atmosphere that facilitated learning.	4.8 (28)	4.2 (11)			5 (1)	
Vishnu	Helped students analyze complex/abstract ideas.	4.6	4.1			5	

Pendyala		(28)	(11)		(1)
Vishnu Pendyala	Overall, this instructor's teaching was effective.	4.6 (28)	4.2 (11)		5 (1)
Vishnu Pendyala	Provided meaningful feedback about student work.	4.6 (28)	4.2 (11)		5 (1)
Vishnu Pendyala	Showed strong interest in teaching this class.	4.9 (28)	4.6 (11)		5 (1)
Vishnu Pendyala	Summarized/emphasized important points.	4.8 (28)	4.4 (11)		5 (1)
Vishnu Pendyala	Used assignments that enhanced learning.	4.7 (28)	4.4 (11)		5 (1)
Vishnu Pendyala	Used grading criteria that were clear.	4.8 (28)	4.4 (11)		5 (1)
Vishnu Pendyala	Used teaching methods that helped students learn important concepts.	4.5 (28)	4 (11)		5 (1)
Vishnu Pendyala	Was approachable for assistance.	4.9 (28)	4.5 (11)		5 (1)
Vishnu Pendyala	Was respectful of the diversity of students in this class.	4.9 (28)	4.7 (11)		5 (1)
Vishnu Pendyala	Was responsive to questions and comments from students.	4.7 (28)	4.3 (11)		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.