

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

**San Jose State University
SJSU**

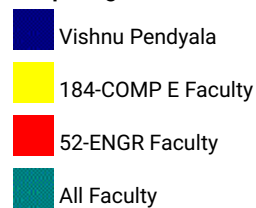
Course: CMPE_188 01 - Machine Learn/BD

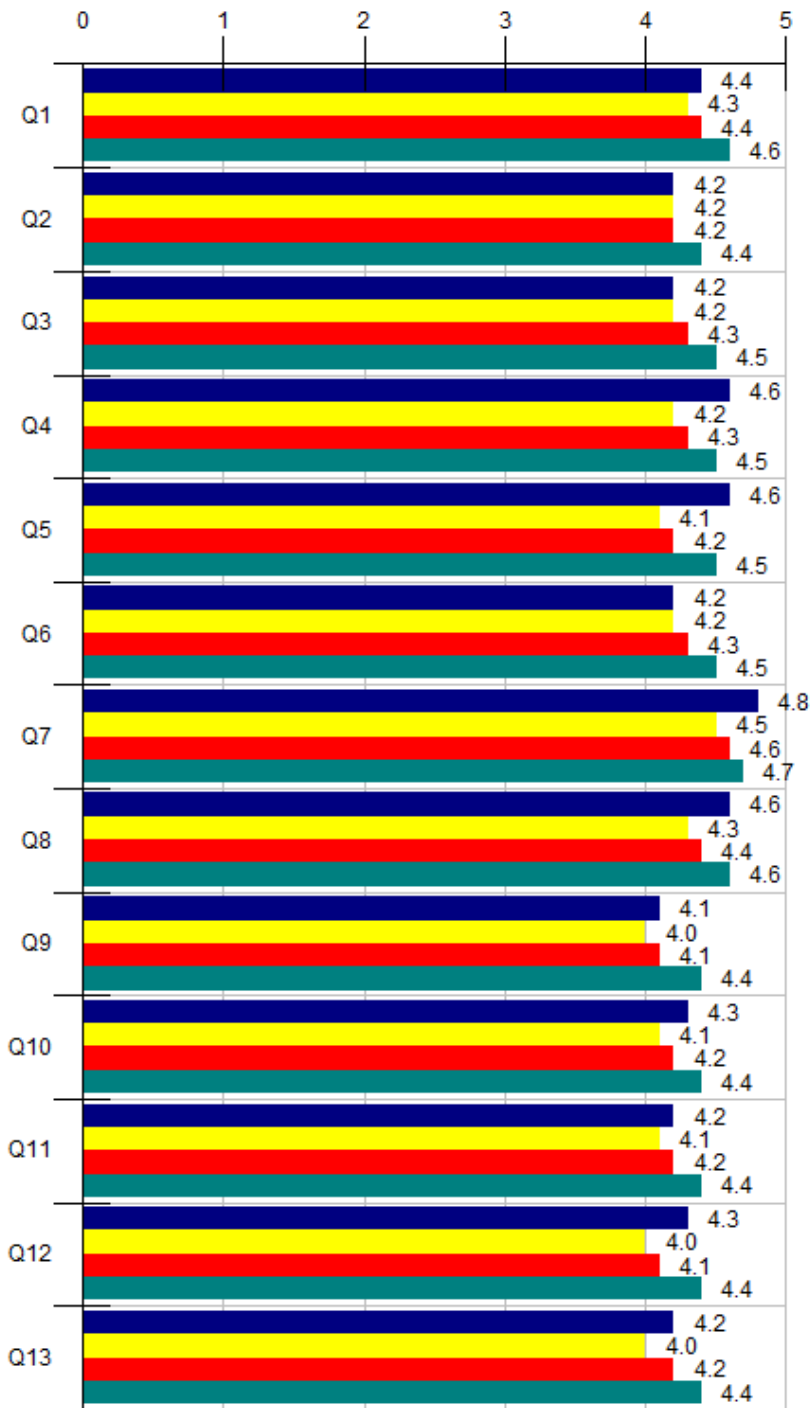
Department: 184-COMP E

**Responsible
Faculty:** Vishnu Pendyala

Responses / Expected: 19 / 28 (67.86%)

Graph Legend





Vishnu Pendyala

--- Survey Comparisons ---

NEW SOTE	Responses										184-COMP				52-ENGR				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.										2.5K	4.3	4.6	41	10K	4.4	4.7	34	74K	4.6	4.8	19
Q2	Used assignments that enhanced learning.										2.5K	4.2	4.5	46	10K	4.2	4.6	37	74K	4.4	4.7	22

Q3	Summarized/emphasized important points.	7	9	1	1	0	18	4.2	4.3	0	.79	2.5K	4.2	4.4	47	10K	4.3	4.6	33	73K	4.5	4.7	19
Q4	Was responsive to questions and comments from students.	12	4	2	0	0	18	4.6	4.8	0	.68	2.5K	4.2	4.6	65	10K	4.3	4.7	55	73K	4.5	4.8	37
Q5	Established an atmosphere that facilitated learning.	10	8	0	0	0	18	4.6	4.6	0	.50	2.5K	4.1	4.4	77	10K	4.2	4.6	65	73K	4.5	4.7	46
Q6	Was approachable for assistance.	7	8	1	1	0	17	4.2	4.3	1	.81	2.5K	4.2	4.5	44	10K	4.3	4.6	33	73K	4.5	4.8	19
Q7	Was respectful of the diversity of students in this class.	12	4	0	0	0	16	4.8	4.8	2	.43	2.4K	4.5	4.7	78	9.9K	4.6	4.8	66	71K	4.7	4.8	47
Q8	Showed strong interest in teaching this class.	11	7	0	0	0	18	4.6	4.7	0	.49	2.5K	4.3	4.6	71	10K	4.4	4.7	59	73K	4.6	4.8	36
Q9	Used teaching methods that helped students learn important concepts.	7	7	1	1	1	17	4.1	4.3	0	1.11	2.5K	4.0	4.3	45	10K	4.1	4.5	34	73K	4.4	4.7	20
Q10	Used grading criteria that were clear.	10	5	1	2	0	18	4.3	4.6	0	.99	2.5K	4.1	4.4	56	10K	4.2	4.6	44	73K	4.4	4.7	28
Q11	Helped students analyze complex/abstract ideas.	7	8	3	0	0	18	4.2	4.3	0	.71	2.5K	4.1	4.3	57	10K	4.2	4.5	40	73K	4.4	4.7	24
Q12	Provided meaningful feedback about student work.	9	7	0	2	0	18	4.3	4.5	0	.93	2.5K	4.0	4.3	64	10K	4.1	4.5	52	72K	4.4	4.7	32
Q13	Overall, this instructor's teaching was effective.	7	8	3	0	0	18	4.2	4.3	0	.71	2.5K	4.0	4.3	55	10K	4.2	4.5	42	74K	4.4	4.7	25

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: 47.37% (9 of 19)

- 1 he knows how to teach these concepts
- 2 Very vocal with the class needs, always helps with student questions, and great overall learning environment
- 3 Strong interest in teaching, used real-world practical assignments
- 4 Interactive. Clear and tried to get us to really understand ideas behind things.
- 5 His enthusiasm for this subject really shows! He goes over a vast variety of topics necessary for ML.
- 6 He is very knowledgeable on the subject. He emphasizes important concepts and ensures students fully grasp the concept before moving past the point. The assignments were relevant and enhanced learning. Overall I really liked the class and I learned a whole lot from it. He is a



great professor!!

- 7 Good at helping students, was willing to dive deeper into concepts
- 8 Extremely knowledgeable about the course material, and is very eager to share that knowledge with the students.
- 9 Demonstrated enthusiasm for the subject

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

Faculty: Vishnu Pendyala

Response Rate: 47.37% (9 of 19)

- 1 nope
- 2 none
- 3 n/a
- 4 Try to implement activities during the class because it is 3 hours long and just listening to a lecture is super hard.
- 5 Sometimes is only reading off the slides

Personally, while I do think it's not as easy, it would have been nice if there was a simple elementary scenario that was introduced to

- 6 analogize with each algorithm. Perhaps also a better way of organizing material/terms because I found myself a bit lost about what topics were when they were introduced.
- 7 None

In my opinion, having the option to do the project individually would have been great. My team was not very helpful and I had to do a large portion of all assignments. Perhaps having an assignment in which we give a grade to each of our teammates (without other team members being able to see the grades) would incentivize students to put more effort into the team homework and project. The only thing I did not like very much about the class was the team project because some of my team members were lazy and did not do very much; when they did contribute, they would contribute on the day the assignment was due and I would stress about thinking if they would do their share of the assignments.

- 9 Be more approachable outside of class

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

Faculty: Vishnu Pendyala

Response Rate: 15.79% (3 of 19)

- 1 n/a
- 2 N/A
- 3 Great professor! Really liked his class! It was tough, but I learned a lot from it.



Student Background	Vishnu Pendyala							Individual N
	Responses							
	F	S	J	S	GS	CO	O	
Q17 You are a:	0	1	5	11	0	0	0	17

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

Student Background	Vishnu Pendyala					Individual N
	Responses					
	A	B	C	DOF	O	
Q18 What is your current estimate of your expected overall grade in this course?	5	6	6	0	0	17

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: 3.23 (27 Students)

Survey Participant Avg Grade: 3.43 (19 Students)

Survey Non-participant Avg Grade: 2.76 (8 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.	4.8 (5)	4.3 (6)	4.2 (6)			-- (1)
Vishnu Pendyala	Established an atmosphere that facilitated learning.	4.6 (5)	4.5 (6)	4.7 (6)			-- (1)
Vishnu Pendyala	Helped students analyze complex/abstract ideas.	4.8 (5)	4.2 (6)	3.8 (6)			-- (1)
Vishnu Pendyala	Overall, this instructor's teaching was effective.	4.8 (5)	4.2 (6)	3.8 (6)			-- (1)
Vishnu Pendyala	Provided meaningful feedback about student work.	4.6 (5)	4.2 (6)	4.5 (6)			-- (1)
Vishnu Pendyala	Showed strong interest in teaching this class.	5 (5)	4.8 (6)	4.2 (6)			-- (1)
Vishnu Pendyala	Summarized/emphasized important points.	4.8 (5)	4.2 (6)	3.8 (6)			-- (1)

Vishnu Pendyala	Used assignments that enhanced learning.	4.8 (5)	4.2 (6)	3.8 (6)			-- (1)
Vishnu Pendyala	Used grading criteria that were clear.	5 (5)	4.2 (6)	4.2 (6)			-- (1)
Vishnu Pendyala	Used teaching methods that helped students learn important concepts.	4.6 (5)	3.8 (6)	3.8 (5)			-- (2)
Vishnu Pendyala	Was approachable for assistance.	4 (5)	4.2 (5)	4.5 (6)			-- (2)
Vishnu Pendyala	Was respectful of the diversity of students in this class.	4.8 (5)	4.8 (5)	4.7 (6)			-- (3)
Vishnu Pendyala	Was responsive to questions and comments from students.	4.8 (5)	4.3 (6)	4.5 (6)			-- (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.