| **Fall 2023 SOTE (In-Cycle) Survey** **2234 (2023)** | | **San Jose State University** **SJSU** |

| **Course:** | DATA_225 11 - Db Systems for Analytics | **Department:** | 120-DATA |
| **Responsible Faculty:** | Vishnu Pendyala | **Responses / Expected:** | 33 / 38 (86.84%) |

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

Question	Vishnu Pendyala	120-DATA Faculty	51-CPGE Faculty	All Faculty
Q1	4.8	4.6	4.7	4.6
Q2	4.8	4.6	4.6	4.4
Q3	4.8	4.5	4.6	4.5
Q4	4.6	4.6	4.6	4.5
Q5	4.7	4.5	4.6	4.4
Q6	4.7	4.6	4.6	4.5
Q7	4.8	4.7	4.8	4.7
Q8	4.8	4.6	4.6	4.6
Q9	4.7	4.4	4.5	4.3
Q10	4.7	4.5	4.5	4.4
Q11	4.8	4.5	4.5	4.4
Q12	4.7	4.4	4.5	4.3
Q13	4.7	4.5	4.5	4.4
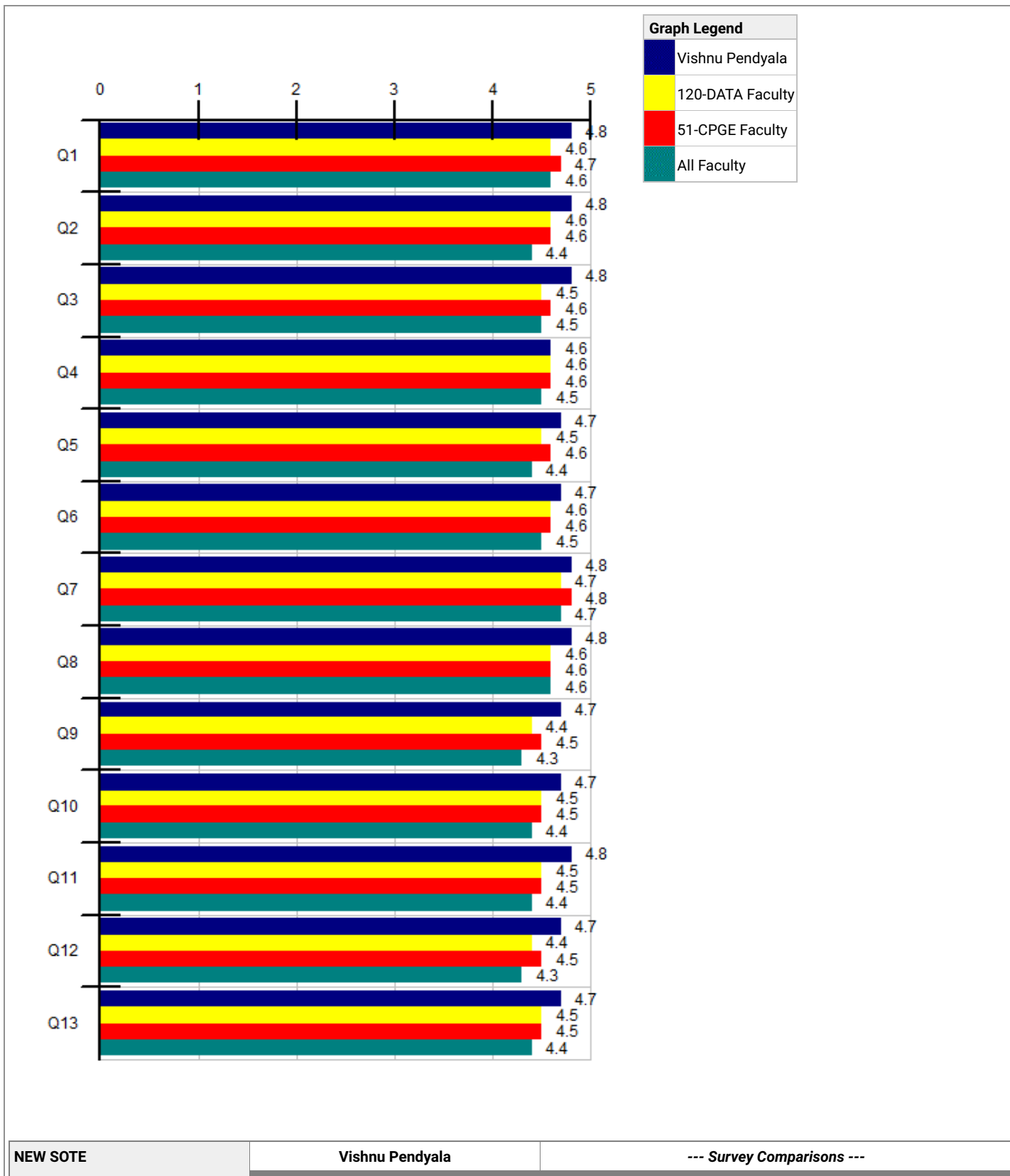
| **NEW SOTE** | **Vishnu Pendyala** | *--- Survey Comparisons ---* |

		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.	29	3	1	0	0	33	4.8	4.9	0	.43	694	4.6	4.8	85	3.6K	4.7	4.9	66	59K	4.6	4.8	74
Q2	Used assignments that enhanced learning.	28	4	1	0	0	33	4.8	4.9	0	.46	694	4.6	4.8	81	3.6K	4.6	4.8	71	59K	4.4	4.7	82
Q3	Summarized/emphasized important points.	28	4	1	0	0	33	4.8	4.9	0	.46	694	4.5	4.7	85	3.6K	4.6	4.8	71	59K	4.5	4.7	79
Q4	Was responsive to questions and comments from students.	24	6	3	0	0	33	4.6	4.8	0	.64	693	4.6	4.8	60	3.6K	4.6	4.8	39	59K	4.5	4.8	49
Q5	Established an atmosphere that facilitated learning.	26	5	2	0	0	33	4.7	4.9	0	.57	694	4.5	4.7	88	3.6K	4.6	4.8	59	59K	4.4	4.7	67
Q6	Was approachable for assistance.	25	4	2	1	0	32	4.7	4.9	1	.73	690	4.6	4.8	65	3.6K	4.6	4.8	39	58K	4.5	4.8	52
Q7	Was respectful of the diversity of students in this class.	28	4	1	0	0	33	4.8	4.9	0	.46	691	4.7	4.8	81	3.3K	4.8	4.9	54	57K	4.7	4.8	61
Q8	Showed strong interest in teaching this class.	28	4	1	0	0	33	4.8	4.9	0	.46	692	4.6	4.8	81	3.6K	4.6	4.8	63	59K	4.6	4.8	65
Q9	Used teaching methods that helped students learn important concepts.	25	5	3	0	0	33	4.7	4.8	0	.64	693	4.4	4.7	77	3.6K	4.5	4.7	62	59K	4.3	4.6	69
Q10	Used grading criteria that were clear.	27	3	3	0	0	33	4.7	4.9	0	.62	693	4.5	4.7	81	3.6K	4.5	4.8	59	59K	4.4	4.7	73
Q11	Helped students analyze complex/abstract ideas.	26	6	1	0	0	33	4.8	4.9	0	.49	689	4.5	4.7	90	3.6K	4.5	4.7	77	58K	4.4	4.7	78
Q12	Provided meaningful feedback about student work.	27	2	4	0	0	33	4.7	4.9	0	.67	688	4.4	4.7	88	3.6K	4.5	4.8	66	58K	4.3	4.6	72
Q13	Overall, this instructor's teaching was effective.	24	8	1	0	0	33	4.7	4.8	0	.52	693	4.5	4.7	85	3.6K	4.5	4.8	61	59K	4.4	4.7	68

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:	75.76% (25 of 33)

1	great teaching methodologies that help grasp complex concepts well.
2	Very structured and interactive course
3	Very enthusiastic about his work
4	Very Precise Concepts and Pedagogy
5	This instructor excels in linking theoretical concepts to real-world applications within the field of database systems. Their ability to draw connections between classroom material and industry practices enhances students' understanding and prepares them for practical challenges in the professional environment.
6	There are many strengths in professor's teaching, but the most important strengths according to me are: 1. His lectures are the most important. It covers all the information related to the concepts, along with the real-time examples that is related to the current industry. This makes the learning process very interesting. 2. Homeworks/assignments are very crucial, I mean if one has put all the efforts doing these assignments, can work easily in the industry as it covers all the practical task that are used by current professionals.

	3. Quizzes helped me a lot in revising the concepts that I learned in this course. Not only this, quizzes are I think the best part according to me, because I need to learn each and every detail for the quiz. This helped me strengthen my understanding for a better career ahead.
7	The professor's class lectures are very clear and I was able to understand all the course concepts better. The weekly takeaways and 5-minute summary at the end of the class helped me to revise and remember the concepts again and again. The Quizzes helped me to test my understanding, and all the homework was designed in such a way that we learned a lot of real-time application of the database concepts. His teaching method made our preparation for mid-term easier, the preparation was like the revision of the concepts instead of learning all as new concepts.
8	The professor possesses comprehensive knowledge and proficiency in the specific field, ensuring a high level of expertise and effectiveness in teaching the subject matter to students.
9	The domain knowledge and the last minute review summary.
10	The course structure was designed in a way so that it pushed us to learn new technologies in DB
11	The best thing I liked about my instructor is that he focused more on the real world applications that are currently used in the industry and made us work on them through projects and assignments.
12	Professor Pendyala's teaching method is very unique, which makes the class as well as homework interesting. He makes us think out of the box. His questions in class, makes us think from industry perspective and will definitely help us in our future job. The slides, content and information is all on point. Weekly takeaway, 5 minute summary as well as quizzes are a hit! It helps us recall the topics covered in class weekly, which indeed helps during exams.
13	Possess a complete understanding of the subject matter and employ efficient techniques such as assignments and quizzes to make effective student learning.
14	Industry-oriented teaching, conceptual learning, real time implementation.
15	Industry oriented
16	I think the way the instructor has framed his course strongly encourages not only learning, but also retaining all the knowledge gained. It is also a very fast paced course, which while hectic, was also extremely effective in helping the students get a glimpse of the corporate life waiting for us ahead.
17	He teaches very well and easily clears all our doubts.
18	He aligns with current industry trends and provides useful information for the workplace and in the course.
19	Excellent teaching and content delivery. Professor explains very well how the concepts are being used in the industry.
20	Demonstrating ideas clearly that were listed in the syllabus
21	Cultivating the art of thinking and brainstorming along with practical Homeworks and Projects.
22	Course structure, assignment questions are designed in a way , which gives scope for lot of practical learning.
23	Course knowledge and experience
24	Conveying the idea of the topic, fluency about the topic.
25	Confidence Practical Training

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

	Faculty:	Vishnu Pendyala
Response Rate:	45.45%	(**15** of **33**)

1	none	🔍
2	The TA's selected could be more responsive on emails. I still haven't received a reply from them regarding a doubt.	🔍
3	No suggestions from my side as according to me, his teaching method helped me a lot in building my career.	🔍
4	No Suggestions	🔍
5	NA	🔍
6	NA	🔍
7	NA	🔍
8	N/A	🔍
9	More Interactive	🔍
10	Monotone	🔍
11	Lengthy and time consuming Assignments taking too long to complete leaving less time for other work	🔍
12	I believe the instructor's course is top notch as it is right now. There is nothing I would change.	🔍
13	Continuous feedback mechanisms and adapting teaching methods based on student needs would further contribute to an effective learning experience.	🔍
14	Completing assignments on time is challenging, especially when there are multiple deadlines to meet for the same course. However, they offer a wealth of knowledge and learning opportunities.	🔍
15	..	🔍

Q16 - If you like, please use this space to elaborate on your responses.		
	Faculty:	**Vishnu Pendyala**
Response Rate:	24.24%	(**8** of **33**)

1	Under Professor Vishnu Pendyala's guidance, I've not only gained knowledge within the course curriculum but also imbibed crucial life lessons. One standout lesson is the significance of time in our lives. Professor Pendyala's disciplined approach has taught me the essence of effective time management, a skill invaluable for personal and professional success. Learning under him, I've discovered how to study efficiently, aligning my efforts with future career benefits. Additionally, the emphasis on revision and task repetition has been a game-changer, personally reinforcing my belief in their pivotal role in the learning process.	🔍
2	NA	🔍
3	NA	🔍
4	I enjoy as well as struggle with assignment, but it is for my own benefit and I am truly grateful for it. Assignments are interesting and we enjoy doing it.	🔍
5	Great	🔍

6	During my bachelor's and my campus interviews, the hard concept to understand was normalization in the database. The professor's explanation helped me to understand this better and clearly. Now I can answer this concept in any interview without revising it again. He covered all the recent trends happening in DB systems for Data Analytics. I have added MongoDB, Neo4j, SQL, NoSQL, and Datawarehouse to my resume, and the professor's homework design helped me to do mini projects on all of these important concepts. Now I am more confident to add these concepts to my resume and I can answer interview questions as well. I have learned how to do research, analyze technical papers, patent research, to use tools like latex and Prezi for my report and PPT preparation. All these because of the way he designed rubrics. His guidance on my project helped me to try hard concepts like datawarehouse and star schema design. Thank you professor for all your help and we would be happy to have you as our professor for upcoming courses as well.	🔍
7	Dr. Vishnu Pendyala has masterfully crafted a course that strikes a harmonious balance between rigorous learning and enduring knowledge retention. The strategic framing of the curriculum not only facilitates a deep understanding of database systems concepts but also ensures that students are equipped to apply this knowledge effectively in the fast-paced corporate world that awaits them. The course's real-world relevance, mirroring the demands of industry, provides invaluable insight into the dynamics of corporate life. This instructor's ability to efficiently convey complex information speaks to his teaching prowess, creating a challenging yet engaging environment. Moreover, the course's practical orientation and Dr. Pendyala's commitment to fostering a supportive learning environment underscore a dedication to preparing students not only academically but also mentally for the challenges and opportunities in their future careers.	🔍
8	..	🔍

Student Background	Vishnu Pendyala							Individual
	Responses							
	F	S	J	S	GS	CO	O	N
Q17 You are a:	1	0	0	0	32	0	0	33

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

Student Background	Vishnu Pendyala					Individual
	Responses					
	A	B	C	DOF	O	N
Q18 What is your current estimate of your expected overall grade in this course?	14	19	0	0	0	33

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: 3.05 (38 Students)
Survey Participant Avg Grade: 3.05 (33 Students)
Survey Non-participant Avg Grade: 3.06 (5 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.	4.9 (14)	4.8 (19)				
Vishnu Pendyala	Established an atmosphere that facilitated learning.	4.8 (14)	4.7 (19)				
Vishnu Pendyala	Helped students analyze complex/abstract ideas.	4.9 (14)	4.7 (19)				
Vishnu Pendyala	Overall, this instructor's teaching was effective.	4.8 (14)	4.6 (19)				
Vishnu Pendyala	Provided meaningful feedback about student work.	4.9 (14)	4.6 (19)				
Vishnu Pendyala	Showed strong interest in teaching this class.	4.9 (14)	4.8 (19)				

Vishnu Pendyala	Summarized/emphasized important points.	4.9 (14)	4.8 (19)				
Vishnu Pendyala	Used assignments that enhanced learning.	4.9 (14)	4.7 (19)				
Vishnu Pendyala	Used grading criteria that were clear.	4.8 (14)	4.7 (19)				
Vishnu Pendyala	Used teaching methods that helped students learn important concepts.	4.8 (14)	4.6 (19)				
Vishnu Pendyala	Was approachable for assistance.	4.9 (14)	4.5 (18)				-- (1)
Vishnu Pendyala	Was respectful of the diversity of students in this class.	4.9 (14)	4.8 (19)				
Vishnu Pendyala	Was responsive to questions and comments from students.	4.8 (14)	4.5 (19)				

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.