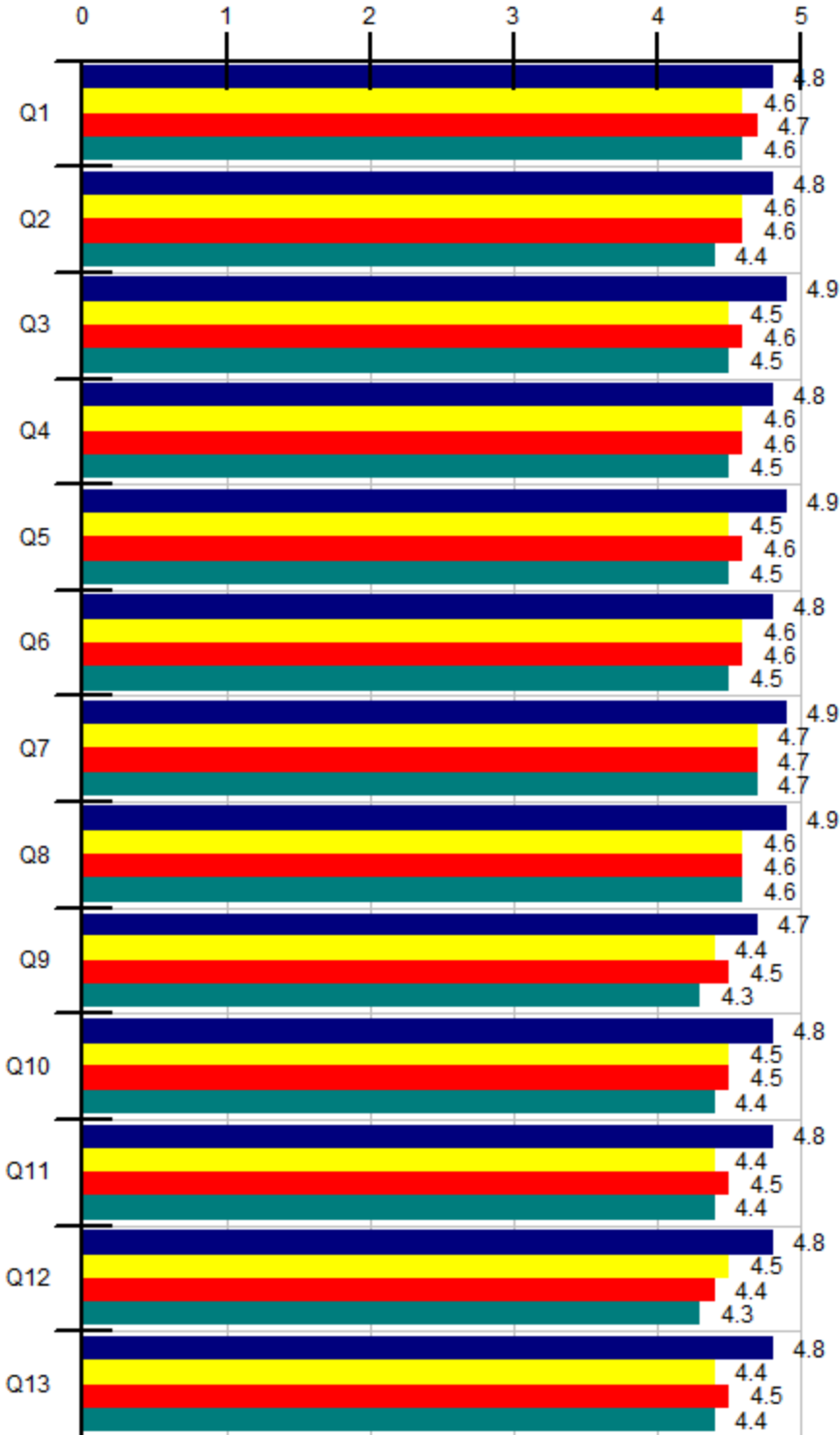
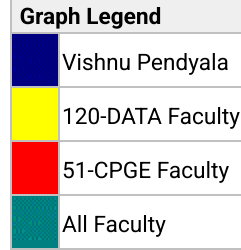


Course: DATA_228 11 - Big Data Tech & App

Department: 120-DATA

Responsible Faculty: Vishnu Pendyala

Responses / Expected: 20 / 26 (76.92%)



| | | 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. | 15 | 5 | 0 | 0 | 0 | 20 | 4.8 | 4.8 | 0 | .43 | 776 | 4.6 | 4.8 | 78 | 4.4K | 4.7 | 4.8 | 47 | 65K | 4.6 | 4.8 | 58 |
| Q2 | Used assignments that enhanced learning. | 16 | 3 | 1 | 0 | 0 | 20 | 4.8 | 4.9 | 0 | .54 | 776 | 4.6 | 4.8 | 74 | 4.4K | 4.6 | 4.8 | 60 | 65K | 4.4 | 4.7 | 74 |
| Q3 | Summarized/emphasized important points. | 18 | 2 | 0 | 0 | 0 | 20 | 4.9 | 4.9 | 0 | .30 | 775 | 4.5 | 4.7 | 88 | 4.4K | 4.6 | 4.8 | 81 | 65K | 4.5 | 4.7 | 87 |
| Q4 | Was responsive to questions and comments from students. | 17 | 2 | 1 | 0 | 0 | 20 | 4.8 | 4.9 | 0 | .51 | 775 | 4.6 | 4.8 | 74 | 4.3K | 4.6 | 4.8 | 58 | 65K | 4.5 | 4.8 | 68 |
| Q5 | Established an atmosphere that facilitated learning. | 17 | 3 | 0 | 0 | 0 | 20 | 4.9 | 4.9 | 0 | .36 | 773 | 4.5 | 4.7 | 82 | 4.4K | 4.6 | 4.8 | 73 | 65K | 4.5 | 4.7 | 79 |
| Q6 | Was approachable for assistance. | 16 | 3 | 1 | 0 | 0 | 20 | 4.8 | 4.9 | 0 | .54 | 772 | 4.6 | 4.8 | 70 | 4.3K | 4.6 | 4.8 | 51 | 65K | 4.5 | 4.8 | 62 |
| Q7 | Was respectful of the diversity of students in this class. | 17 | 3 | 0 | 0 | 0 | 20 | 4.9 | 4.9 | 0 | .36 | 774 | 4.7 | 4.8 | 74 | 4.1K | 4.7 | 4.9 | 57 | 63K | 4.7 | 4.8 | 63 |
| Q8 | Showed strong interest in teaching this class. | 17 | 3 | 0 | 0 | 0 | 20 | 4.9 | 4.9 | 0 | .36 | 774 | 4.6 | 4.8 | 70 | 4.4K | 4.6 | 4.8 | 68 | 65K | 4.6 | 4.8 | 68 |
| Q9 | Used teaching methods that helped students learn important concepts. | 15 | 4 | 1 | 0 | 0 | 20 | 4.7 | 4.8 | 0 | .56 | 774 | 4.4 | 4.7 | 70 | 4.4K | 4.5 | 4.7 | 63 | 65K | 4.3 | 4.7 | 72 |
| Q10 | Used grading criteria that were clear. | 17 | 1 | 2 | 0 | 0 | 20 | 4.8 | 4.9 | 0 | .62 | 773 | 4.5 | 4.8 | 74 | 4.4K | 4.5 | 4.8 | 62 | 65K | 4.4 | 4.7 | 74 |
| Q11 | Helped students analyze complex/abstract ideas. | 16 | 3 | 1 | 0 | 0 | 20 | 4.8 | 4.9 | 0 | .54 | 774 | 4.4 | 4.7 | 78 | 4.3K | 4.5 | 4.7 | 72 | 65K | 4.4 | 4.7 | 76 |
| Q12 | Provided meaningful feedback about student work. | 16 | 3 | 1 | 0 | 0 | 20 | 4.8 | 4.9 | 0 | .54 | 772 | 4.5 | 4.7 | 74 | 4.4K | 4.4 | 4.7 | 68 | 64K | 4.3 | 4.7 | 75 |
| Q13 | Overall, this instructor's teaching was effective. | 17 | 2 | 1 | 0 | 0 | 20 | 4.8 | 4.9 | 0 | .51 | 774 | 4.4 | 4.7 | 78 | 4.4K | 4.5 | 4.8 | 73 | 65K | 4.4 | 4.7 | 78 |

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% (14 of 20) |

| | | |
|---|---|--|
| 1 | real world examples and experiences | |
| 2 | domain knowledge and open ended assignments | |
| 3 | The professors teaching is not bland he will include his experience or his ideology on the topic | |
| 4 | The professor always wants students to think out of the box and motivates us to learn new technologies and tools. | |
| 5 | The course was comprehensive and highly effective, featuring up-to-date content on cutting-edge technologies that are highly relevant in today's fast-evolving landscape. | |
| 6 | Professor tries to put everything in diagrams which makes the teaching content most exciting and look colorful. Professor also explains us using the real world examples for us to better understand the concept. | |
| 7 | Professor has strong industry experience. | |
| 8 | Our professor demonstrates exceptional teaching strengths that make the subject engaging and deeply impactful. His profound knowledge of big data concepts and technologies is evident in every lecture, as he explains complex topics with remarkable clarity and precision. He has a unique ability to make even the most challenging concepts approachable by connecting them to real-world scenarios and industry applications. His hands-on approach, through assignments and projects, has allowed us to gain practical experience and a deeper understanding of the tools and techniques used in the field. Furthermore, his patience and willingness to address every question create a supportive and encouraging learning | |

| | | |
|----|--|--|
| | environment. His enthusiasm for the subject is contagious, inspiring us to delve deeper into big data and its transformative potential. We are fortunate to have such an outstanding instructor guiding us in this critical area of study. | |
| 9 | Makes the class interactive and interesting. | |
| 10 | Homework and Notes | |
| 11 | His industry knowledge | |
| 12 | Great understanding of the topics covered. | |
| 13 | <p>Deep understanding of big data tools and technologies.</p> <p>Encourages practical learning with real-world Big Data tools (Hadoop, PySpark, Databricks, etc.) We almost used all big data tools in our assignments. It was a great learning curve.</p> <p>Specific grading criteria for each section in the assignment is the best part.</p> | |
| 14 | . | |

| | |
|--|-------------------|
| Q15 - What suggestions, if any, do you have to further improve the instructor's teaching? | |
| Faculty: | Vishnu Pendyala |
| Response Rate: | 55.00% (11 of 20) |

| | | |
|----|---|--|
| 1 | n/a | |
| 2 | Professor is good enough. | |
| 3 | Our professor is an outstanding instructor, and I greatly appreciate his teaching approach. To further enhance the learning experience, perhaps incorporating more interactive activities, like collaborative problem-solving sessions or live demonstrations of big data tools, could make the classes even more engaging. | |
| 4 | Nothing | |
| 5 | None | |
| 6 | No suggestion. | |
| 7 | NA | |
| 8 | Implementing a small demo of the tools required in assignments would make it easier for students to tackle those tools and reduce the need for deadline extensions. | |
| 9 | <p>I do not have any suggestions.</p> <p>I genuinely enjoyed the instructor's teaching style and his ability to explain complex Big Data concepts in a simple and relatable way.</p> <p>The hands-on projects and examples from real-world applications were particularly helpful.</p> | |
| 10 | He's good enough | |
| 11 | . | |

| | |
|---|------------------|
| Q16 - If you like, please use this space to elaborate on your responses. | |
| Faculty: | Vishnu Pendyala |
| Response Rate: | 30.00% (6 of 20) |

| | | |
|---|--------------|--|
| 1 | nothing | |
| 2 | n/a | |
| 3 | No thank you | |
| 4 | NA | |
| 5 | N/A | |
| 6 | . | |

| Student Background | | Vishnu Pendyala | | | | | | | |
|--------------------|------------|-----------------|---|---|---|----|------------|---|----|
| | | Responses | | | | | Individual | | |
| | | F | S | J | S | GS | CO | O | N |
| Q17 | You are a: | 0 | 0 | 0 | 0 | 20 | 0 | 0 | 20 |

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? | 12 | 8 | 0 | 0 | 0 | 20 |

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: 3.00 (26 Students)

Survey Participant Avg Grade: 3.09 (20 Students)

Survey Non-participant Avg Grade: 2.72 (6 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 (12) | 4.8 (8) | | | | |
| Vishnu Pendyala | Established an atmosphere that facilitated learning. | 4.9 (12) | 4.8 (8) | | | | |
| Vishnu Pendyala | Helped students analyze complex/abstract ideas. | 4.8 (12) | 4.6 (8) | | | | |
| Vishnu Pendyala | Overall, this instructor's teaching was effective. | 4.9 (12) | 4.6 (8) | | | | |
| Vishnu Pendyala | Provided meaningful feedback about student work. | 4.8 (12) | 4.6 (8) | | | | |
| Vishnu Pendyala | Showed strong interest in teaching this class. | 4.8 (12) | 4.9 (8) | | | | |
| Vishnu Pendyala | Summarized/emphasized important points. | 4.9 (12) | 4.9 (8) | | | | |

| | | | | | | |
|-----------------|--|-------------|------------|--|--|--|
| Vishnu Pendyala | Used assignments that enhanced learning. | 4.9 (12) | 4.5 (8) | | | |
| Vishnu Pendyala | Used grading criteria that were clear. | 4.8 (12) | 4.8 (8) | | | |
| Vishnu Pendyala | Used teaching methods that helped students learn important concepts. | 4.8 (12) | 4.5 (8) | | | |
| Vishnu Pendyala | Was approachable for assistance. | 4.8 (12) | 4.6 (8) | | | |
| Vishnu Pendyala | Was respectful of the diversity of students in this class. | 4.9 (12) | 4.8 (8) | | | |
| Vishnu Pendyala | Was responsive to questions and comments from students. | 4.9 (12) | 4.6 (8) | | | |

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.