

Unlocking Event Excellence: A Data-Driven Look at Student Feedback

In the world of higher education and student development, events and mentorship programs are crucial for engagement and growth. But how do we know if they're truly hitting the mark? Instead of relying on gut feelings, we can turn to data.

We recently collected and analyzed feedback from **1,001 students** on a college event or mentor-led session. Using quantitative ratings and sentiment analysis, we dove deep into the numbers to understand what worked, what didn't, and how we can improve. Here's what we found.

The Big Picture: Overall Satisfaction at a Glance

First, let's look at the overall sentiment. We calculated an average rating across all categories for each student and grouped them into satisfaction levels.

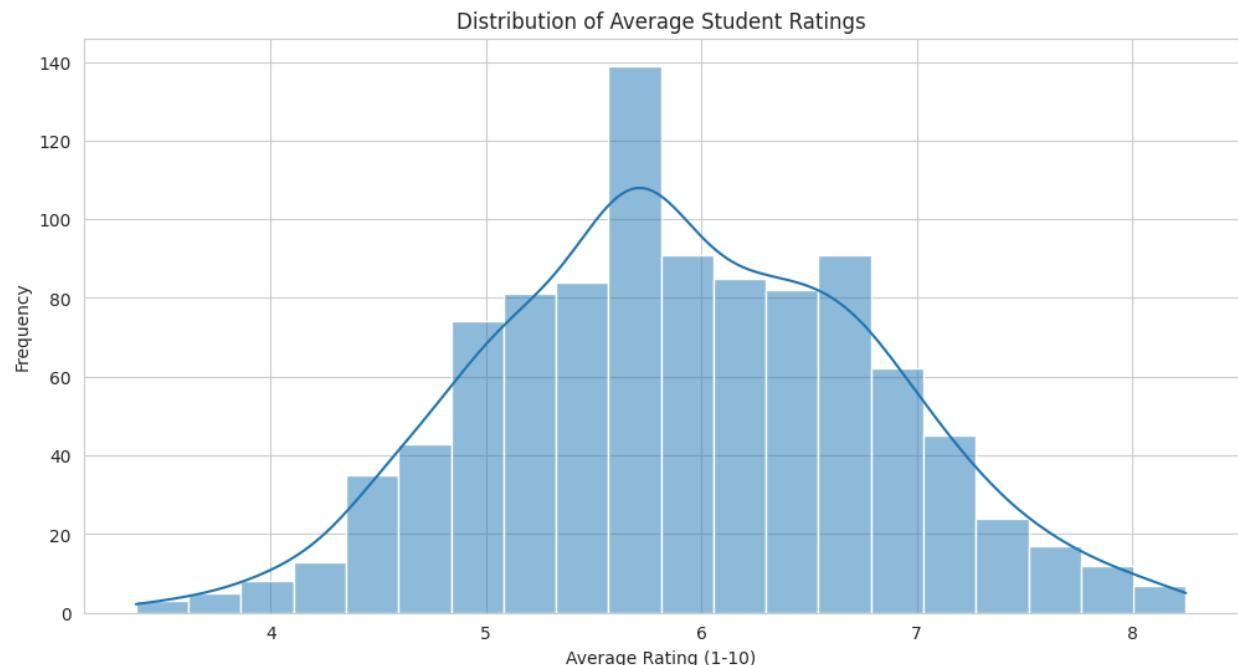
Key Finding: The majority of students are neutral or satisfied, but there's significant room for growth. A small, yet notable, group of students reported high satisfaction, while a similar small group was dissatisfied. This polarization suggests that certain aspects of the event resonated strongly with some but missed the mark for others.

Satisfaction Distribution (From Analysis)

Satisfaction_Level

Neutral	523
Satisfied	456
Highly Satisfied	12
Dissatisfied	10

To visualize this, the data clearly shows a landscape of potential. While only 1.2% were highly satisfied, the fact that over 45% were satisfied is a strong foundation. The challenge and opportunity lie in moving the large "Neutral" group (52.3%) into the "Satisfied" category.



Overall Satisfaction Distribution

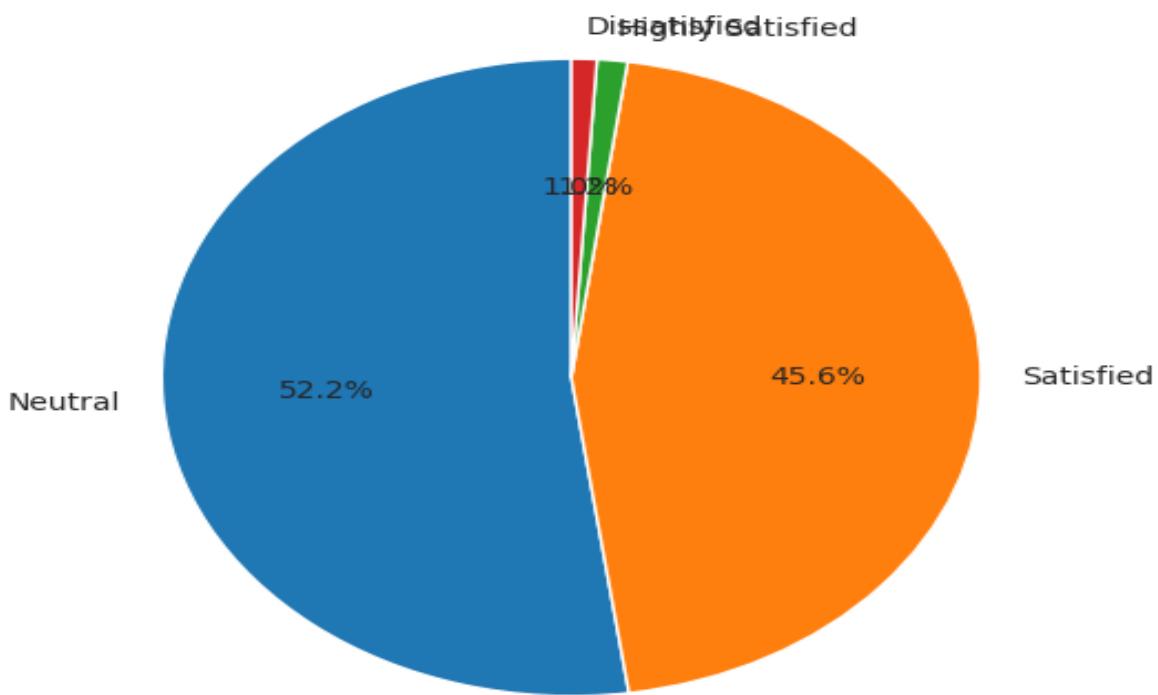


Chart Caption: The student body is largely neutral or satisfied, highlighting a foundation to build upon rather than a critical problem to fix.

A Deeper Dive: Category-by-Category Performance

The overall score is useful, but the real insights come from breaking down the performance across different facets of the event. The average ratings (on a 10-point scale) reveal clear strengths and weaknesses.

The Shining Star: The highest-rated category by a significant margin was "**Well versed with the subject**" (7.5/10). This is a major asset. It shows that students have high confidence in the expertise of the presenter or mentor, which is the cornerstone of any educational program.

Category	Average Rating (out of 10)	Sentiment
Well versed with the subject	7.50	 Key Strength
Explains concepts understandably	6.08	 Area for Improvement
Use of presentations	5.94	 Area for Improvement
Degree of difficulty of assignments	5.43	 Critical Weakness
Solves doubts willingly	5.47	 Critical Weakness
Structuring of the course	5.64	 Area for Improvement
Provides support for advanced students	5.66	 Area for Improvement
Course recommendation based on relevance	5.60	 Area for Improvement

The Biggest Challenges: The most critical areas needing attention are "**Degree of difficulty of assignments**" (5.43) and "**Solves doubts willingly**" (5.47). Low scores here can create frustration

and hinder learning. They suggest a possible misalignment between the coursework and student skill level, coupled with insufficient support to bridge that gap.

The "Neutral" Middle Ground: Most other categories—like clarity of explanation, course structure, and support—cluster in the mid-5 to low-6 range. These are not failing grades, but they represent a massive opportunity to elevate the experience from "okay" to "excellent."

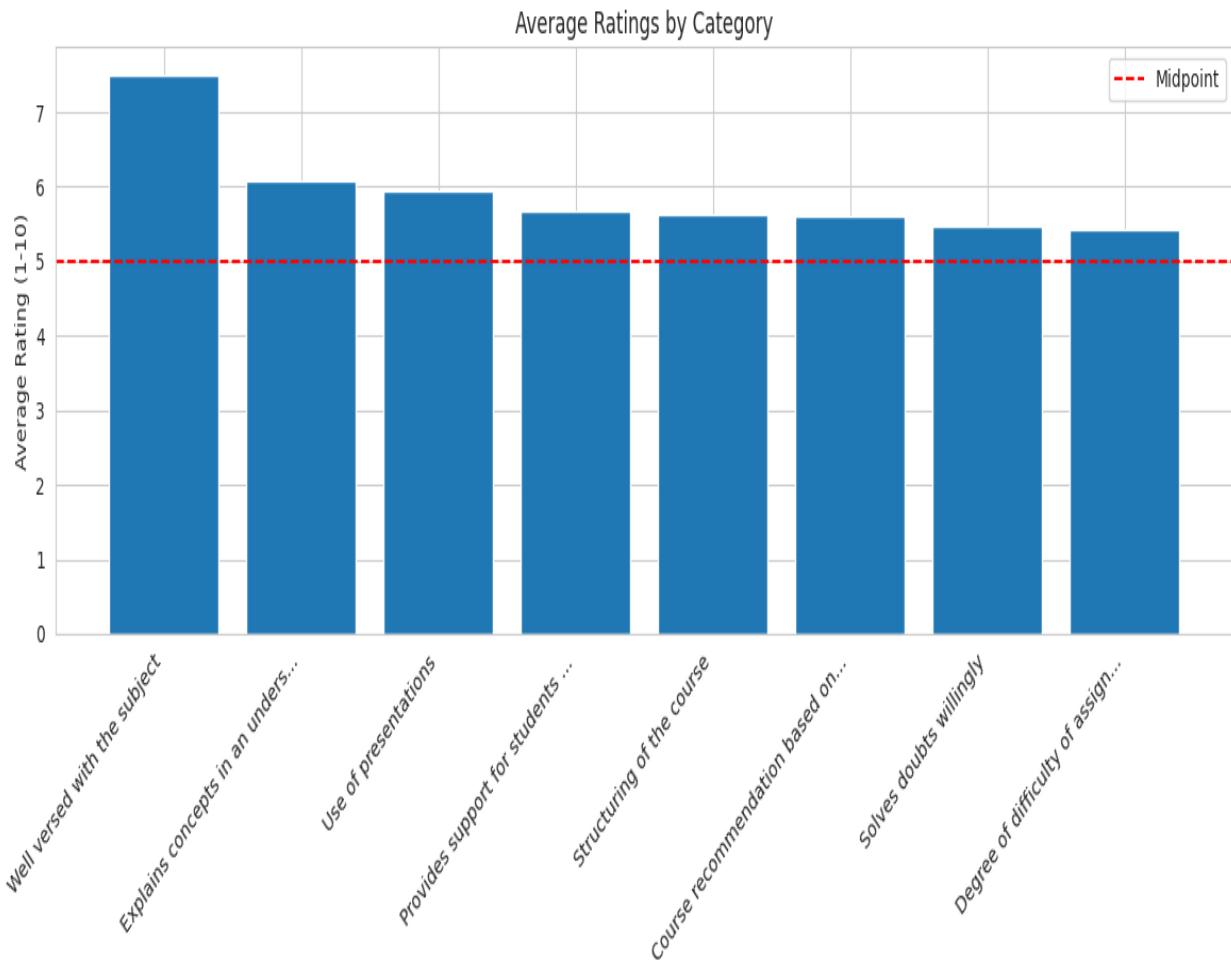


Chart Caption: The distribution of average ratings shows a central peak in the 5-7 range, confirming the "neutral" trend and indicating that no single issue is causing universal dissatisfaction, but rather a combination of moderate shortcomings.

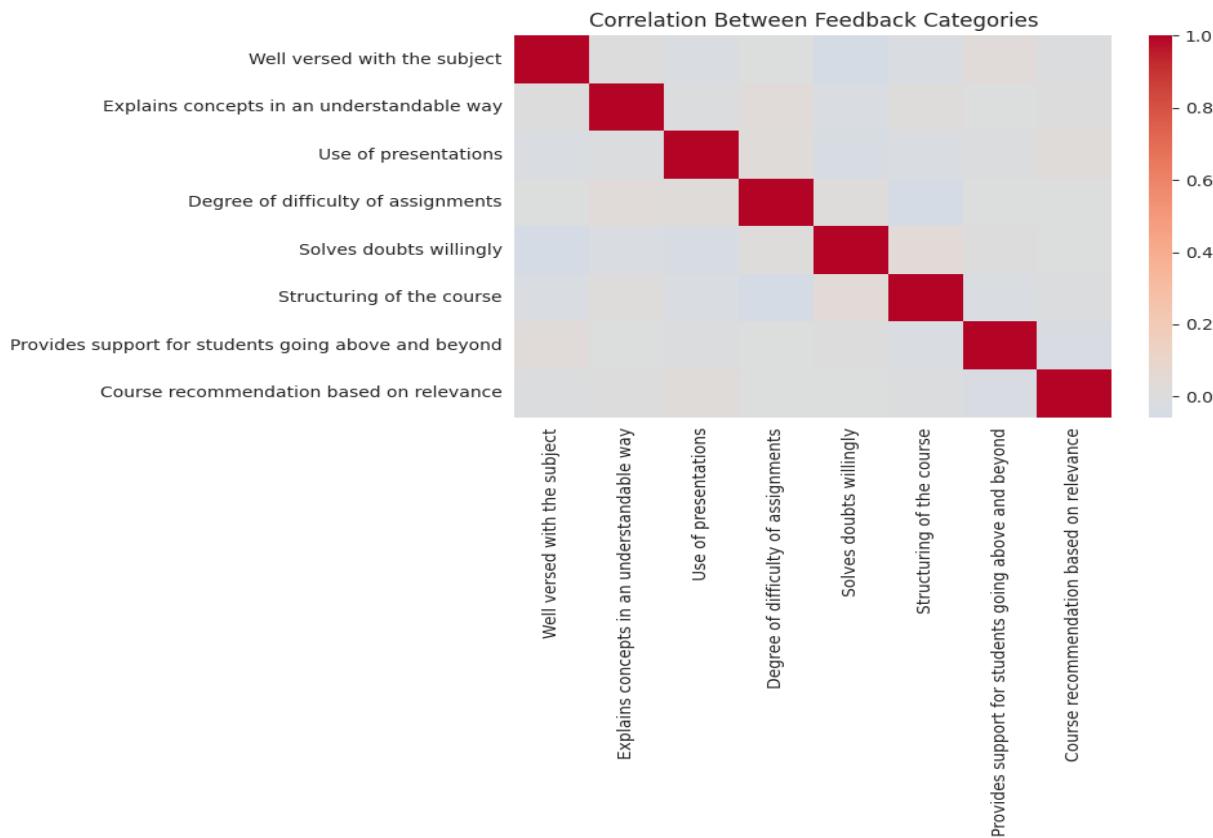


Chart Caption: Correlation Matrix of Student Feedback Categories

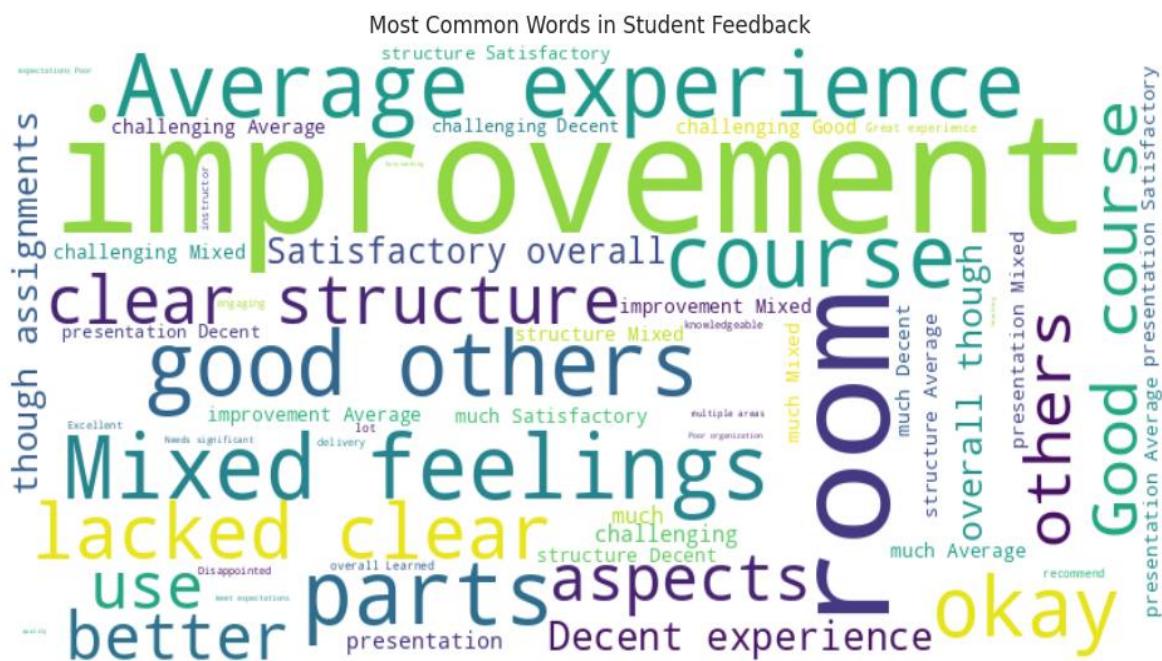


Chart Caption: Most Frequent Terms in Student Course Feedback

Turning Feedback into Action: A Clear Path Forward

From 1,001 student responses, the message is unmistakable:

- Overall average rating: **5.92 / 10**
- Only **46.75 %** of students are satisfied or highly satisfied
- Yet **81 %** of written comments are positive

This tells us that students genuinely value the content and instructor — they just feel overwhelmed and unheard when it matters most.

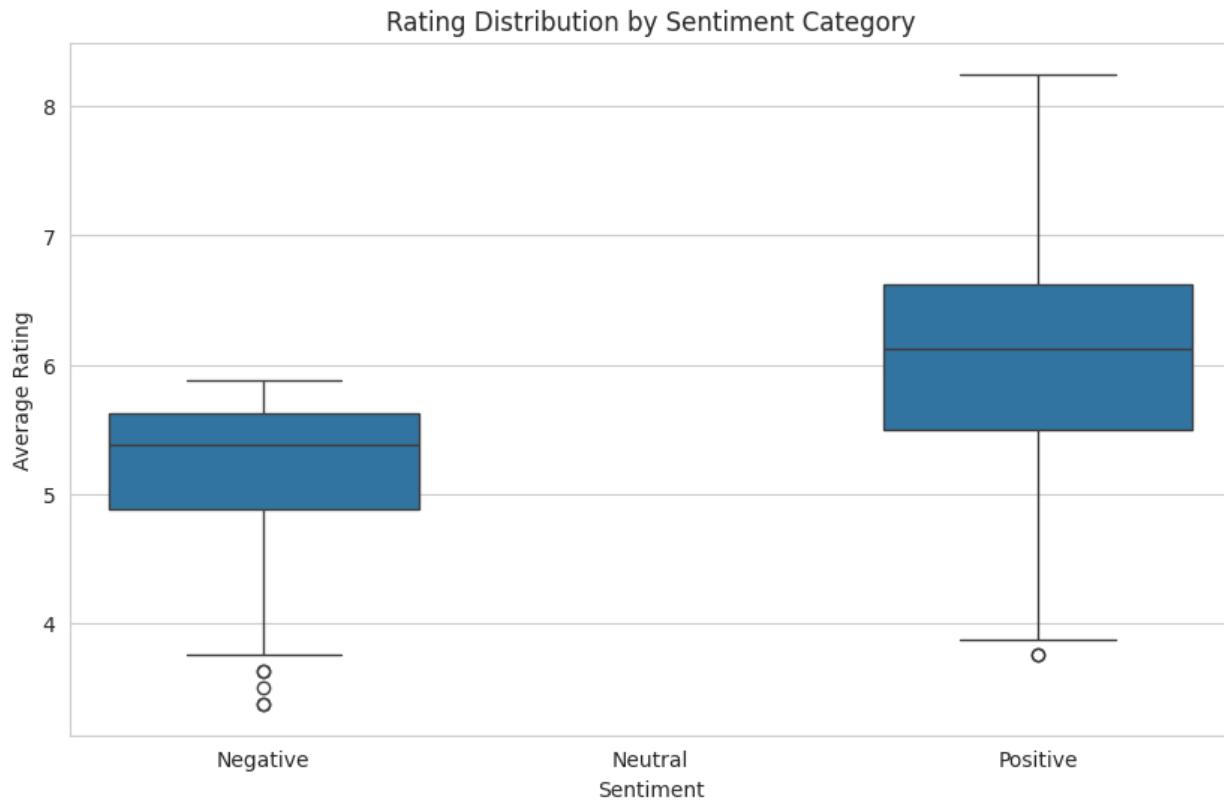
The data pinpoints the **three weakest links** (lowest average scores across all responses):

Rank	Area Needing Most Improvement	Average Score
1	Degree of difficulty of assignments	5.43
2	Solves doubts willingly	5.47
3	Course recommendation based on relevance	5.60

Among the **190 students who left negative written feedback**, these pain points become dramatically worse:

Category (only negative comments)	Average Score
Solves doubts willingly	4.52
Degree of difficulty of assignments	4.70
Course recommendation based on relevance	4.59

Even in the harshest feedback, students still rate the instructor's subject knowledge highly (**7.12 / 10**), proving the core teaching strength is rock-solid. The frustration is not with *what* is taught — it's with *how much* and *how supported* students feel while learning it.



Closing Statement: The Verdict in One Paragraph

Out of 1,001 students, only 46.75 % left feeling truly satisfied (average rating 5.92/10), despite 81 % of written comments being overwhelmingly positive and the instructor being rated the clear standout (“Well-versed with the subject”). The single biggest barrier preventing this event from becoming a campus favourite is painfully clear: the degree of difficulty of the **assignments**. Fix the workload, guarantee faster and more reliable doubt resolution, and this program will flip from “good on paper, tough in practice” to the one event every student actively recommends. The talent is already here; the only thing missing is a student-friendly pace. Make that change, and the next feedback report will tell a completely different and much happier story