

College Event Feedback Analysis – Final Report

Report & Recommendations

Summary

This project was designed to analyze feedback collected from students after attending various college events such as workshops, tech fests, and seminars. The dataset included numeric ratings (1–10 scale) and written comments, collected via Google Forms. The objective was to extract actionable insights from both quantitative and qualitative data to help improve future event planning.

Key steps included:

- Cleaning the dataset (handling missing values, removing duplicates)
- Calculating average scores for different feedback categories
- Visualizing trends using bar charts, line charts, KDE plots, and heatmaps
- Identifying correlations among various feedback aspects
- (Optional) Sentiment analysis of textual comments using NLP tools

This analysis of 1001 student feedback responses reveals that while the instructor is highly regarded for their deep **subject knowledge**, overall student satisfaction is moderate. The key areas for improvement lie in the **structure of the course** and providing better **support for high-achieving students**. The data strongly indicates that the **clarity of explanation** is the single most important factor driving positive course recommendations.

Key Findings

- **Top Strength:** The instructor's command of the subject matter is the most appreciated quality, with an average rating of **8.01/10**.
- **Primary Weaknesses:** The course suffers from poor structure and a lack of support for students wishing to go 'above and beyond,' both scoring the lowest at approximately **5.5/10**.
- **The 'Clarity' Factor:** A student's perception of how well concepts are explained is the strongest predictor of whether they will recommend the course to others.

- **High Ratings:** Students rated **Subject Knowledge** and **Clarity of Explanation** the highest, indicating strong delivery and understanding.
- **Assignment Difficulty:** The average score for assignment difficulty is **5.6/10**, indicating a moderate level that seems appropriate and is not a major point of concern.

Recommendations for Organizers

1. Revise the Course Structure:

Dedicate time to redesign the course outline. Collect feedback specifically on the flow of topics, the logical progression of modules, and the pacing. With a low score of 5.49/10, a poorly structured course can make it difficult for students to connect concepts, regardless of how well each is explained individually. A clearer roadmap will boost student confidence and satisfaction.

2. Enhance Support for Advanced Students:

Introduce optional 'challenge assignments,' provide a list of supplementary reading materials/resources, or create a forum for advanced discussions. The 'extra_support' category scored only 5.50/10. Engaging high-achievers is crucial for fostering a dynamic learning environment and shows their ambition is recognized.

3. Prioritize and Invest in 'Clarity of Explanation':

Encourage instructors to attend workshops on teaching methods, peer-review lecture materials for clarity, and use more real-world examples and analogies. Since clarity is the #1 driver of course recommendations, any investment in improving it will directly impact the course's reputation and enrollment.

4 .Offer Additional Support: Add more Q&A time or post-event resources to address individual student queries.

CONCLUSION

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