1. Introduction

This project analyzes student feedback collected from college events (Tech Fests, Workshops, Seminars, Hackathons, Cultural Fests, and Guest Lectures). The objective is to identify satisfaction levels, common complaints, and actionable recommendations to improve future events.

2. Methodology

- Data Collection: Feedback collected simulated CSV (1000 responses). - Tools Used: Google Colab (Python, Pandas, Matplotlib, VADER, WordCloud).
- Steps:
1. Data cleaning (remove duplicates, standardize ratings).
3. Sentiment analysis using VADER.
4. Visual analysis (rating trends, sentiment distribution).

3. Key Insights

- Top Events: Workshops scored the highest (avg. rating 4.5), followed by Tech Fests (4.3).
- Low Events: Cultural Fest had the lowest avg. rating (3.1).
- Sentiment Split: Positive (65%), Neutral (20%), Negative (15%).
- Common Complaints:
• Timing / Schedule issues
• Food / Seating arrangements
• Sessions too basic / advanced

4. Recommendations

■ For Workshops/Seminars → Continue similar structure; consider advanced-level tracks.
■ For Cultural Fest → Improve logistics (food, seating, scheduling).
■ Introduce pre-event polls to match student interest.
■ Share post-event summary + improvements with students to close the feedback loop.

5. Next Steps

- Expand analysis with topic modeling (NLP) to detect deeper themes.
- Build an interactive dashboard (Power BI).
- Automate feedback pipeline → collect, analyze, and report after every event.

■ Attachments Submitted

1. Google Colab Notebook (Code + Outputs)
2. Enriched Feedback Dataset (CSV with sentiment labels)
3. Summary Charts (screenshot)