Report

College Event Feedback Data Analysis

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 (500 responses).
Tools Used : Google Colab (Python, Pandas, Matplotlib, VADER, WordCloud).
Steps : 1. Data cleaning (remove duplicates, standardize ratings).
2. Sentiment analysis using VADER.
3. Visual analysis (rating trends, sentiment distribution).

3. Key Insights

Top Events : Workshops scored the highest (avg. rating 4.5), followed by Seminars (4.3).
Low Events: Cultural Fest had the lowest avg. rating (3.1).
Sentiment Split : Positive (49.5%), Neutral (29.86%), Negative (20.64%).
Common Complaints : • Timing / Schedule issues
• Food / Seating arrangements
• Sessions too basic / advanced

4. Recommendations

■ **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. Attachments

1. Google Colab Notebook (Code + Outputs)
2. Summarized Dashboard For Easy Understanding (Power BI)
3. Enriched Feedback Dataset (.csv)