

# Mini-Report: Student Event Feedback Analysis

## Graphs of Ratings

### What was done

- Analyzed the distribution of student ratings (1–5) using a bar chart.

### Key Insight

- Most students rated the event **4 or 5**, indicating **high overall satisfaction**.
- Very few low ratings (1–2) suggest that negative experiences were limited.

### Interpretation

- The event met expectations for the majority of participants.
  - High ratings reflect good content quality and delivery.
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## Sentiment Analysis Summary

### Method

- Text feedback was analyzed using **TextBlob**.
- Each feedback entry was assigned a sentiment score and labeled as:
  - Positive
  - Neutral
  - Negative

### Findings

- **Positive sentiment dominates** the feedback.
- Neutral feedback reflects average or mixed experiences.
- Negative sentiment highlights specific pain points rather than overall dissatisfaction.

### Word Cloud Insights

- Frequently occurring words include:
  - *informative*
  - *engaging*
  - *organized*
  - *interactive*

These words indicate what students valued most.

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## Key Recommendations for Event Organizers

Based on sentiment patterns and feedback content:

### Maintain strengths

- Continue delivering informative and well-structured sessions

- Retain engaging speakers and interactive elements

### ⚠ Areas for improvement

- Improve **time management and pacing**
- Reduce session length or add breaks
- Enhance organization and clarity of instructions

### 📈 Actionable steps

- Collect real-time feedback during events
- Increase hands-on activities
- Improve pre-event communication

## 4 Conclusion

This analysis demonstrates how **data analysis and NLP techniques** can be used to:

- Understand participant sentiment
- Identify strengths and weaknesses
- Support data-driven decision-making for future events

### The Needed Graphs:

#### Bar Graph



