



# Cyberbullying Detection Report

Generated on: April 10, 2025 02:12:10

## Executive Summary

This report analyzes 12 comments for potential cyberbullying content. The analysis found that **25.0%** of the comments contain language consistent with cyberbullying. A total of **3** comments were identified as potentially problematic.

Key findings:

- Most common terms in problematic comments: yap, louise, mariele, liber, stfu
- Primary sentiment in flagged comments: Positive

Based on these findings, immediate attention is recommended. Detailed analysis and specific recommendations are provided in the following sections.

## Analysis Details

### Analysis Summary

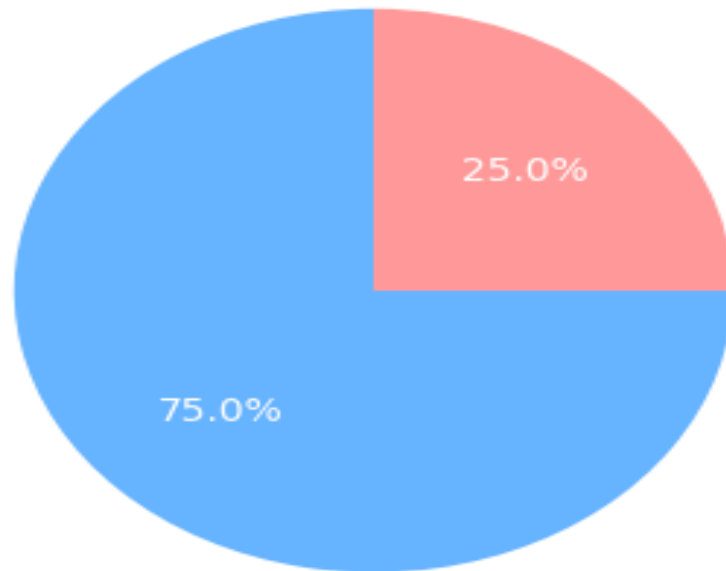
Total Comments Analyzed:	12
Cyberbullying Comments:	3 (25.0%)
Normal Comments:	9 (75.0%)
High Confidence Predictions (>90%):	12 (100.0%)
Comments in Selection List:	0

The analysis detected some cyberbullying content (25.0%), but the majority of comments appear to be normal. The model shows high confidence in its predictions, with 100.0% of predictions having over 90% confidence.

## Visual Analysis

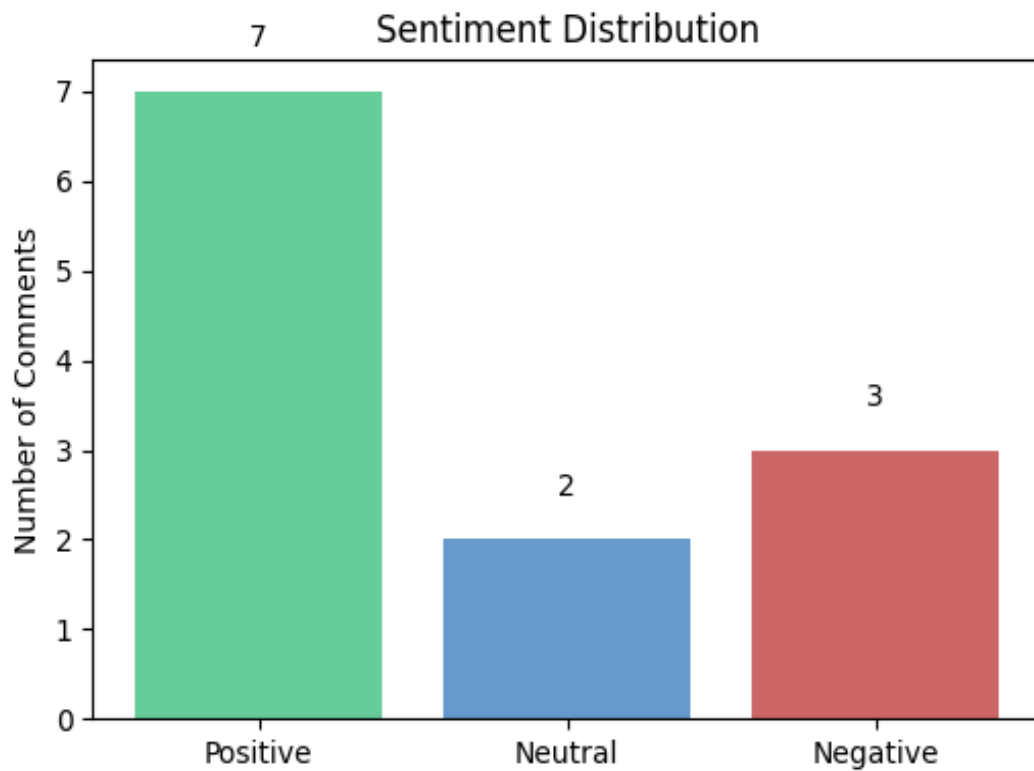
### Classification Distribution

## Comment Classification Distribution



The chart shows a moderate level of concerning content with 25.0% of comments classified as cyberbullying. This indicates the need for enhanced monitoring and targeted interventions.

## Sentiment Analysis



The sentiment analysis shows a predominantly positive tone, consistent with the low levels of cyberbullying content detected. This suggests a generally healthy communication environment.

## Word Frequency Analysis



Arya must listen to my wife	Normal	97.11%
Collin Lee ILOVEYOUUU, honeyyy	Normal	92.87%

# Recommendations

## Moderate cyberbullying content detected (25.0%)

1. **Enhanced Monitoring:** Increase the frequency of comment section review to identify and address problematic content quickly.
2. **Targeted Moderation:** Focus moderation efforts on:
  - Comments containing the most frequent harmful terms identified in the word cloud
  - Threads or discussions that may be escalating in negativity
3. **Community Engagement:** Actively engage with the community to promote positive interactions and discourage negative behavior.
4. **Clear Guidelines:** Ensure your community guidelines are visible and clearly communicate expectations for respectful communication.
5. **Follow-up Analysis:** Conduct a follow-up analysis within 2-4 weeks to monitor for improvement or deterioration.

## Technical Notes

- This report was generated using an AI-powered cyberbullying detection system
- Classification confidence is based on the prediction model's probability score
- Word clouds exclude common stop words in both English and Tagalog
- Sentiment analysis utilizes a specialized model designed for social media content
- The system may not catch all instances of cyberbullying, particularly those using coded language or novel terms

For additional support or questions about this report, please contact the system administrator.

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