

SENTIMENT ANALYSIS OF USER PROMPTS

The project focuses on developing a system that analyzes user sentiments from textual prompts, enabling applications to respond empathetically and improve user experience. The solution can be integrated into platforms such as customer support systems, educational apps, or mental health services, providing actionable insights based on user sentiment.

Our Mission

● Social Impact

The project addresses the issue of understanding user emotions during interactions with applications or services. It aims to enhance user experience by identifying and addressing sentiments such as frustration, satisfaction, or confusion. This has the potential to:

- Improve customer support systems by escalating negative sentiments for timely resolution.
- Enhance mental health applications by identifying distress and providing appropriate resources.
- Benefit educational platforms by detecting confusion in user queries and offering guidance.



Core Features

Sentiment Detection:

Analyze user input and classify it as positive, negative, neutral, or other nuanced categories like frustration, confusion, or joy.

Real-Time Feedback:

Provide immediate analysis of user prompts and adapt system responses dynamically.

Visualization Dashboard:

Display sentiment trends, user emotions over time, and overall statistics for actionable insights.

Customizable Responses:

Allow platform-specific customization of responses based on detected sentiments.

History Tracking:

Maintain a log of user interactions and corresponding sentiment analyses for future reference.

Thanks for reading

