

```
{% with messages = get_flashed_messages(with_categories=true) %}
{% if messages %} {% for category, message in messages %}

    {{ message }}

{% endfor %} {% endif %} {% endwith %}
```

EmotiMap

Multi-Modal Sentiment Analysis Using Text and Facial Expressions

Analyze Sentiment

Text Input 

Enter text to analyze sentiment...

Upload Image 

Choose FileNo file chosen

Supported formats: JPG, PNG (Max 16MB)

Enhanced by Claude AI



This application can use Claude's advanced vision capabilities for more accurate facial expression analysis when an API key is provided.

 Analyze

How It Works

EmotiMap combines multiple sources of emotional data to provide comprehensive sentiment analysis.



Text Analysis

Natural language processing algorithms analyze your text to determine sentiment polarity and emotional content.



Facial Expression

Computer vision models detect faces and analyze expressions to recognize emotions like happiness, sadness, anger, and more.



Combined Results

Multi-modal analysis combines both text and facial expression data for a more comprehensive sentiment assessment.

About EmotiMap

EmotiMap is a powerful multi-modal sentiment analysis tool that combines natural language processing and computer vision to analyze emotions from both text and facial expressions. It provides a more comprehensive understanding of sentiment by analyzing multiple information channels.

Key features:

- Text sentiment analysis using natural language processing
- Facial expression recognition using deep learning
- Combined multi-modal analysis that integrates results from different sources
- Visual representation of emotion and sentiment data
- Support for both text-only, image-only, or combined analysis

This application was built using Flask, OpenCV, NLTK, Chart.js, and optionally integrates with Claude AI for enhanced facial expression analysis.