

Feature Guide: Sentiment Analysis API

Overview

The **Sentiment Analysis API** allows developers to evaluate whether a piece of text expresses a positive, negative, or neutral sentiment.

This guide covers setup, usage, and best practices.

Prerequisites

- API key from your developer dashboard
- Python 3.9+ installed
- Requests library (`pip install requests`)

Quick Start

```
import requests

url = "https://api.lesliewrites.tech/v1/sentiment"
payload = {"text": "I absolutely love this app!"}
headers = {"Authorization": "Bearer YOUR_API_KEY"}

response = requests.post(url, json=payload, headers=headers)
print(response.json())
```

Response:

```
{
  "sentiment": "positive",
  "confidence": 0.97
}
```

Usage Tips

- Shorter text inputs `yield` more accurate sentiment predictions.
- Avoid ambiguous sentences `with` sarcasm `or` mixed emotions.
- Log confidence scores to handle low-confidence outputs gracefully.

Common Errors

Error	Meaning	Solution
401	Invalid API key	Regenerate your key
429	Rate limit exceeded	Add exponential backoff
500	Server error	Retry after a few seconds

Support

For API issues, contact:

✉ support@lesliewrites.tech

🌸 4. Real-World Examples

Company	Example
OpenAI	[ChatGPT Release Notes] (https://help.openai.com/en/articles/6825453-chatgpt-release-notes)
Anthropic	[Claude Model Updates] (https://www.anthropic.com/index/updates)
Google Cloud AI	Structured “What’s New” documentation
Hugging Face	Model update cards for each release
