# 📊Comparative Comment Sentiment Analysis Dashboard

A Streamlit web application to analyze the sentiment of a Tweet/Comment and its reply, classify their emotions using VADER, and assess whether the reply agrees, disagrees, or is neutral in context — with insights powered by the Groq LLM API.

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## 🗜️Features

- 🔍Compare original tweet and reply side-by-side
- VADER-based sentiment scoring (Positive, Negative, Neutral)
- 🖊️Groq AI insights to assess contextual agreement
- 📊Interactive Plotly bar chart for sentiment breakdown
- ⚙️Secure API key handling with `.env` and `dotenv`

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## 💼Tech Stack

- [Streamlit](#)
- [VADER Sentiment](#)
- [Groq API](#)
- [Plotly](#)
- [Python-dotenv](#)

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## 🧳Author

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