

Interface Screenshot Guide


Step 1 – First choose the model in sidebar

Step 2 – Write a keyword in input section e.g.: Openai or Google

Step 3 – Click on analyze

Step 4 – Same for other models to analyze

In this screenshot I have used VADER model you can use any model to analyze

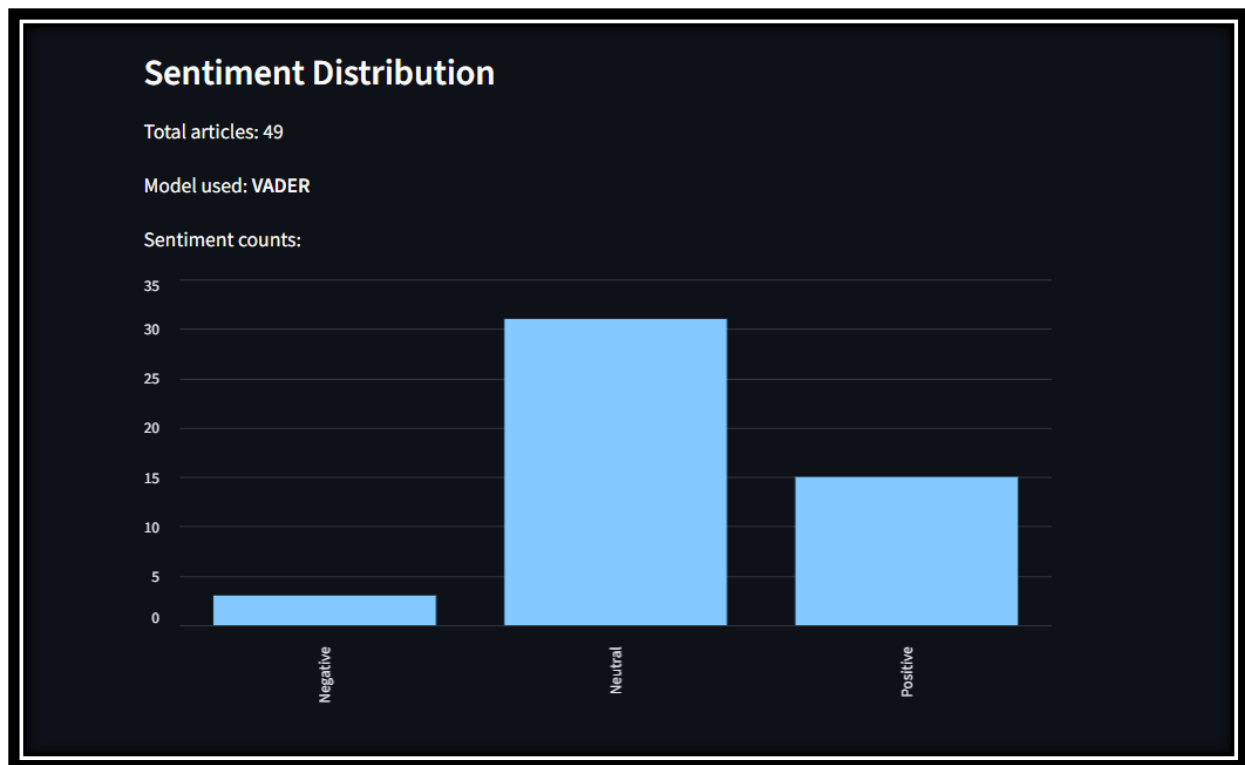


The screenshot displays the 'News Sentiment Analyzer' interface. At the top, there is a header with a newspaper icon and the title 'News Sentiment Analyzer'. Below the header, a text input field contains the keyword 'OpenAI'. A red 'Analyze' button is positioned below the input field. The main content area features a table with four columns: an index, 'Headline', 'Sentiment', and 'Link'. The table lists ten news items. At the bottom left of the interface, the text 'accuracy: 63.27%' is displayed.

	Headline	Sentiment	Link
0	Cognition AI to acquire Windsurf	Neutral	https://www.cognition.com/news/cognition-ai-to-acquire-windsurf
1	Microsoft salaries revealed: How much the tech giant pays software engineers, product managers, and executives	Neutral	https://www.theverge.com/2024/7/15/microsoft-salaries-revealed
2	AI's giants want to take over the classroom	Positive	https://www.technologyreview.com/2024/7/15/ai-giants-want-to-take-over-the-classroom
3	AI-powered web browsers want to help people save time. But are they effective?	Positive	https://www.technologyreview.com/2024/7/15/ai-powered-web-browsers-want-to-help-people-save-time
4	South Korea's LG Launches 'Hybrid Reasoning' AI Model	Neutral	https://www.southkorea.com/news/ai-model
5	Daily Tech News 15 July 2025	Neutral	https://ace.com/news/ai-model
6	OpenAI is Brewing Up a New AI Browser: Get Ready for the Future of Web Browsing!	Positive	https://news.ycombinator.com/item?id=4244444
7	Apple CEO Tim Cook's Replacement Should Be Considered Because Of His Failure To Lead The Company	Negative	https://www.technologyreview.com/2024/7/15/apple-ceo-tim-cooks-replacement
8	Claude Engineer : Upgrade Your Claude Code Workflow	Neutral	https://www.pythia.dev/claude-engineer/
9	acolytes 0.1.27	Neutral	https://pythia.dev/acolytes/

accuracy: 63.27%

The above screenshot shows news sentiments like is it neutral, positive or negative and also the model accuracy



The above screenshot shows output chart for total sentiments , model name and total articles

Model Accuracy

Estimated accuracy of each model based on training data:

	Accuracy (%)
RoBERTa	0.9
FinBERT	0.88
Zero-Shot	0.87
VADER	0.85
TextBlob	0.8

About the Models

- **VADER:** A rule-based sentiment analysis tool that is particularly good for social media text.
- **RoBERTa:** A transformer-based model that provides state-of-the-art performance on sentiment analysis tasks.
- **TextBlob:** A simple library for processing textual data, providing a straightforward API for common natural language processing (NLP) tasks.
- **FinBERT:** A financial sentiment analysis model that is fine-tuned for financial text.
- **Zero-Shot:** A model that can classify text into categories it has not seen during training, using a technique called zero-shot learning.

The above screenshot shows model accuracy comparisons and information about the models (VADER,ROBERTA,TEXTBLOB,FINBERT,ZERO-SHOT)