

Financial News Sentiment Analyzer

Approach:

- Used FinBERT for sentiment classification of financial news.
- Preprocessed data using NLP techniques (tokenization, vectorization).
- Deployed a Streamlit-based Website for real-time analysis.

Challenges:

- Computational limitations in training transformer models.
- Handling domain-specific language variations.

Model Performance & Improvements:

- Achieved high precision in sentiment classification.
- Could be improved using fine-tuned financial domain-specific datasets.

Deployment:

<https://hasantahir248-financial-news-sentiment-analyzer-app-dtjmjb.streamlit.app/>