

Peer Review

Review of: "Advancing Sentiment Analysis: A Novel LSTM Framework with Multi-head Attention"

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Work is good and recommended for publication in its current form. The proposed model enhances text sentiment analysis via multi-head attention and LSTM integration and architecture, and the results are acceptable too.

This work establishes a high-accuracy baseline for text classification while outlining methodological blueprints for attention-enhanced sequential models. The planned optimizations aim to bridge theoretical robustness with deployment-ready practicality in evolving NLP landscapes. The authors have also conducted a comparison test with the current state-of-the-art models and performed classification experiments using BERT and RoBERTa, respectively, to calculate the classification accuracy of the test set, which shows good results.

Declarations

Potential competing interests: No potential competing interests to declare.