

Review of: "Information Technology for Detecting Fakes and Propaganda Based on Machine Learning and Sentiment Analysis"

Yuniar Farida¹

1 UIN Sunan Ampel Surabaya

Potential competing interests: No potential competing interests to declare.

The writing is poorly presented throughout the document. I suggest making significant changes to the following:

- 1. Abstract: requires effort. The authors should briefly describe the research methodology and implications of the contribution.
- 2. Introduction: Most of the paper's paragraphs seem to be written by Generative AI. No reference citations back up any of the claims or comments.
- 3. Analysis of the latest research and publications: There are seven paragraphs but only one bibliographic reference in the recent literature review section. As a result, the prior presentation of the search and analysis of relevant literature was cursory and lacked the depth needed in academic research.
- 4. The method is described in overly broad terms. The authors must provide a detailed description of the approach they employ at the NLP and machine learning and explain how its procedure or algorithm.
- 5. The dataset lacks a precise explanation and does not provide information on the selection process or the methodology used to calculate the sentiment score. Insufficient pre-processing techniques for textual data and the absence of statistical testing to validate and establish the reliability of the conclusions.
- 6. The findings of this study have not been matched or compared with the findings of other researchers.
- 7. Research limitations are not disclosed, such as potential biases in the data collection process or constraints of the computational tools employed. Recognizing these limitations exhibits comprehension of the study framework and promotes future enhancements in methodology.
- 8. The conclusion portion should be concise and substantiated by empirical findings. This part should include the presentation of potential future work.
- 9. The references provided are inadequate and of poor quality, and they don't appear to use a citation manager.