

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

Cosmas Ifeanyi Nwakanma<sup>1</sup>

<sup>1</sup> Federal University of Technology, Owerri

**Potential competing interests:** No potential competing interests to declare.

1. The paper title and content are interesting. However, they are not yet eligible for final publication due to the following reasons:
2. Over 50% of the paper is without citation despite a lot of STRONG CLAIMS and contestable opinions.

Examples of the strong and contestable claims that need citations are :

- a. In the ever-expanding digital communications space, the dissemination of information has reached unprecedented heights, enabling the rapid spread of both accurate and misleading narratives [citation needed]
- b. Traditional fact-checking processes struggle to keep up with the rapid spread of misleading content facilitated by digital platforms. As technology advances, so do the tactics of disinformation disseminators, requiring innovative and adaptive approaches to protect the integrity of the information ecosystem.
- c. Recent research and publications have contributed significantly to the current discourse around identifying disinformation by introducing new methodologies and improving existing approaches.
- d. Recent research has highlighted the importance of integrating multimodal analysis, combining NLP with image and video processing techniques.
- e. Recent literature highlights the growing recognition of the need for interdisciplinary collaboration. While technological solutions remain key, researchers are increasingly advocating for partnerships between technologists, sociologists, and policymakers. This collaborative approach aims to combat disinformation not only from a technological point of view but also by addressing its social and political roots.

Including others.

3. Declaring abbreviations in full at first instance. An example is "NLP" and "AI," mentioned for the first time in section 2. NLP was mentioned in section 2 for the first time. However, the authors declared the meanings in section 4. That should not be the case.
4. The authors should decide if they want to use abbreviations or write in full. An example is Natural Language Processing (NLP) in section 4, 4.1, etc.
5. The title gave an impression of technical work. However, the content was more of a review of works and a tutorial. Can the title be more reflective of the actual content? "A Case Review of Information Technology for Detecting Fakes and Propaganda ..."

