

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

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The paper provides a comprehensive exploration of contemporary methodologies employed in identifying fake news and propaganda, demonstrating a keen understanding of the evolving landscape of misinformation. The integration of machine learning techniques for pattern recognition and real-time analysis showcases a forward-thinking approach to addressing this pressing issue.

The analysis of propaganda through emotional coloring adds depth to the study, shedding light on the nuanced differences between propaganda and non-propaganda content. The quantitative comparisons presented, such as the average emotional values and degrees of subjectivity, provide valuable insights into the characteristics of propaganda news versus non-propaganda news.

However, while the paper offers valuable contributions to the field, there are a few areas where further clarification or expansion could enhance its impact:

1. It would be beneficial to provide more detail on the specific machine learning algorithms and natural language processing techniques utilized in the study. Transparency regarding the methodology enhances the reproducibility and credibility of the findings.
2. Clarification on the selection criteria for the news articles analyzed would be helpful in understanding the generalizability of the results. Ensuring a diverse and representative sample is crucial for drawing robust conclusions about the broader phenomenon of propaganda and fake news.
3. Addressing potential limitations of the study, such as biases in the data collection process or limitations of the computational methods employed, would strengthen the paper. Acknowledging these limitations demonstrates a nuanced understanding of the research context and encourages future refinement of methodologies.
4. While the analysis provides insights into the characteristics of propaganda, discussing the implications of these findings for developing effective countermeasures against misinformation would be valuable. How can the insights gained from this study inform strategies for combating the spread of fake news and propaganda in the digital age?

Incorporating these suggestions would not only strengthen the paper but also contribute to advancing our understanding of propaganda detection and mitigation strategies. Overall, the paper represents a commendable effort in tackling an important societal challenge and lays the groundwork for future research in the field of disinformation detection.

