

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

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Potential competing interests: No potential competing interests to declare.

Strength:

The article "Information Technology for Detecting Fakes and Propaganda Based on Machine Learning and Sentiment Analysis" presents a comprehensive and insightful review of modern approaches to identifying fakes and propaganda. It effectively highlights the urgency of addressing the spread of disinformation in the digital age, emphasizing the impact of fake news and propaganda on public opinion, political landscapes, and social cohesion. The article provides a detailed analysis of recent research and publications, shedding light on key discoveries and advancements in the field. It effectively discusses the purpose of the study, the main material, and the scientific novelty, offering valuable insights into the evolution of the disinformation detection landscape. Additionally, the article's in-depth exploration of Natural Language Processing (NLP), multimodal analysis, and machine learning demonstrates a strong understanding of the technological tools used in detecting misleading narratives. The analysis of propaganda based on emotional coloring using sentiment analysis further enriches the article's depth and relevance in addressing the complexities of disinformation.

Weakness:

The article could benefit from providing more specific examples or case studies to illustrate the application of the discussed methodologies in real-world scenarios. Additionally, while the article effectively highlights the importance of interdisciplinary collaboration and ethical considerations, it could further elaborate on the potential ethical implications and challenges associated with the use of advanced technologies in detecting disinformation. Furthermore, the article's discussion of recent research and publications could be strengthened by providing more specific references to individual studies and their findings, enhancing the credibility and depth of the review.