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

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The article titled "Information Technology for Detecting Fakes and Propaganda Based on Machine Learning and Sentiment Analysis" by Vitalii Danylyk and Victoria Vysotska provides a thorough examination of modern methodologies used in identifying and combating fake news and propaganda. Here's a review of its key aspects:

1. **Introduction**: The introduction effectively sets the stage by highlighting the pervasive influence of fake news and propaganda in today's digital landscape. It articulates the challenges posed by the rapid dissemination of misinformation and underscores the broader societal implications, emphasizing the urgent need for effective countermeasures.

2. **Analysis of the Latest Research**: This section offers a comprehensive overview of recent advancements in disinformation detection. It covers various approaches, including multimodal analysis, understandable AI, interdisciplinary collaboration, and ethical considerations. The discussion provides valuable insights into the evolving strategies and challenges in combating disinformation.

3. **Purpose of the Article**: The article's main objective is clearly delineated, aiming to delve into modern approaches for detecting and countering fake news and propaganda. It identifies the research's focus on practical techniques and its contribution to synthesizing diverse perspectives, identifying gaps, and contextualizing the current state of disinformation detection.

4. **Statement of the Main Material**: The article effectively outlines the key methodologies employed in identifying fake news and propaganda, including Natural Language Processing (NLP), multimodal analysis, and machine learning algorithms. It highlights the importance of integrating these strategies to navigate the complex landscape of disinformation effectively.

Overall, the article provides a valuable contribution to the discourse on disinformation detection, offering a well-structured analysis of modern approaches and their implications. Its insights into technological innovations, interdisciplinary collaboration, and ethical considerations make it a valuable resource for researchers, technologists, and policymakers engaged in combating the spread of fake news and propaganda.