

Review of: "Unveiling Power and Ideologies in the Age of Algorithms: Exploring the Intersection of Critical Discourse Analysis and Artificial Intelligence"

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Potential competing interests: No potential competing interests to declare.

The article titled "Unveiling Power and Ideologies in the Age of Algorithms: Exploring the Intersection of Critical Discourse Analysis and Artificial Intelligence" by Zahra Sadat Roozafzai examines how algorithms influence the formation of ideologies and power. The research is based on a robust theoretical framework combining Critical Discourse Analysis (CDA) and Artificial Intelligence (AI). This provides a solid foundation and interdisciplinary perspective that strengthens the analysis. The topic is highly relevant in the current context where algorithms play a crucial role in decision-making and opinion formation. The pertinence is high due to the social and political impact of these systems.

The proposed methodology is coherent. It uses CDA to analyze how algorithms can reproduce and amplify dominant ideologies. The approach is systematic and well-structured, closely following the proposed method. The model development is clear and follows a logical sequence, integrating CDA with AI techniques to analyze data. This approach allows for a deep understanding of how ideologies manifest in the data processed by algorithms.

The results are relevant and well-explained, showing concrete examples of how algorithms can perpetuate inequalities and biases. The conclusions are strong and offer a critical reflection on the role of AI in society. The suggestions for future work are pertinent and propose necessary lines of research to deepen the understanding of AI's impact on ideology formation.

To improve the article, take into account the following aspects: Provide more detail on the specific CDA procedures and AI techniques used, including clear examples. Include a more detailed section on data collection and analysis, explaining the tools and statistical methods applied. Integrate a deeper comparison with previous research to better situate the findings in the existing context. Expand the discussion on the practical implications of the results, suggesting how the findings can influence policy-making or algorithm regulation. Expand the literature review to include more recent studies on the impact of AI on society and how the topic has been addressed in different disciplines. Use graphs and tables to better illustrate the results, facilitating a visual understanding of the findings. Include a more detailed section on the study's limitations and how these may affect the results and conclusions.