

Review of: "Education, Artificial Intelligence, and the Digital Age"

Rodrigo Pérez Fernández¹

1 Universidad Politécnica de Madrid

Potential competing interests: No potential competing interests to declare.

This paper provides a comprehensive exploration of the current model of education in the context of artificial intelligence (AI) and the digital age. The study employs empirical research, analysis of scientific literature, and expert opinions to identify and analyze the factors influencing education models in the face of technological advancements.

One of the notable strengths of the paper is its comprehensive and thorough literature review. The authors adeptly navigate through a range of scientific works related to education, artificial intelligence, and the digital age. By citing key sources, they provide readers with a well-rounded understanding of the current challenges and opportunities in higher education. This extensive literature review not only serves as a robust foundation for the research but also showcases the authors' commitment to grounding their work in existing scholarly discourse. It demonstrates a nuanced awareness of the broader context within which their research is situated, enhancing the credibility and depth of the study.

The paper excels in its clear and transparent presentation of the research methodology. By outlining the use of empirical research, analysis of specialized literature, and expert opinions gathered through the ResearchGate network, the authors establish a methodological framework that is easy to follow. The inclusion of open questions on AI and education contributes to the robustness of the research, tapping into the insights of experts in the field. This clarity in methodology not only ensures the reliability of the study but also provides readers with a roadmap to understand how the research was conducted, fostering transparency and trust in the findings.

The authors skillfully identify and highlight key factors influencing the current model of education in the context of AI and the digital age. By focusing on factors such as the integration of technology, collaboration between universities and industry, and the adaptation of curricula to AI-driven jobs, the paper addresses pivotal aspects of the evolving educational landscape. This keen identification of factors reflects a deep understanding of the multifaceted nature of challenges and opportunities in education. It positions the study as a valuable resource for educators, policymakers, and researchers seeking insights into the transformative forces shaping modern education, particularly in the realm of artificial intelligence and digital technologies.

While the paper delves into a rich exploration of factors influencing education models, there is room for improvement in the clarity of presenting findings. At times, the transition between identified factors and their implications could be more seamless. A clearer delineation of how each factor contributes to the overall understanding of the education model would enhance the coherence of the paper. Providing a structured framework or summarizing key findings at strategic points in



the text could guide readers through the research more effectively, ensuring that the significance of each factor is readily apparent.

The paper mentions the utilization of AI tools, such as ChatGPT, in the educational process. However, a more detailed discussion of the specific roles and impacts of these tools is warranted. Elaborating on how AI tools are integrated into the educational curriculum, their effectiveness in optimizing learning processes, and any challenges encountered would add depth to the analysis. This deeper exploration would provide readers with a nuanced understanding of the practical implications of incorporating AI tools in education. Including concrete examples or case studies illustrating successful implementations of AI tools could also enhance the paper's contribution to the discourse on the role of technology in the educational landscape.

The incorporation of visual elements, such as charts, graphs, or diagrams, could significantly improve the presentation of research findings. Visual aids have the potential to enhance the clarity and accessibility of complex information, helping readers grasp key points more efficiently. For instance, a visual representation of the identified factors influencing education models or a graphical depiction of the research methodology could serve as effective tools for communication. Integrating visual elements not only breaks the monotony of text but also reinforces the authors' arguments, making the paper more engaging and impactful for a diverse audience.

As a summary, this work presents a valuable contribution to the discourse on the transformation of education in the era of AI and digital advancements. The paper's strength lies in its comprehensive approach, thorough literature review, and emphasis on collaboration between academia and industry. With minor improvements in clarity and the addition of more detailed discussions on AI tools, the paper could further enhance its impact and contribute to ongoing discussions in the field. Overall, it is a commendable effort in addressing the challenges and opportunities presented by the intersection of education, AI, and the digital age.