

Review of: "Artificial Intelligence and Digital Technologies in the Future Education"

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Potential competing interests: No potential competing interests to declare.

Overall speaking, this study reviews different artificial intelligence (AI) techniques, including fuzzy logic, artificial neural networks, genetic algorithm and probabilistic reasoning, and suggests some limitation for e-learning on those AI concepts/techniques. To me, there are some rooms for improvement to enhance the quality of this study. Authors may refer to my comments as follows:

- When it comes to the field of education, authors should clearly state the research motivation and contribution in terms of the pedagogies/teaching models. In-depth investigation for the educational research should be conducted.
- The research questions/gap in this work are not clear.
- For all the figures, authors should cite the corresponding sources, if they are not made by yourselves. For example, I can see a small '1' under Library Sciences. It seems that this figure is copied from somewhere. Also, authors should pay extra attention about the definition of AI, and review several well-known definitions from prestigious journals and books.
- The methodology of this work is not clear. Is it a review work, or a research work? Some recommended studies are included here:
 - Opinion mining in higher education: a corpus-based approach. *Enterprise Information Systems*, 16(5), 1773542. (2022).
 - What matters in AI-supported learning: A study of human-AI interactions in language learning using cluster analysis and epistemic network analysis. *Computers & Education*, 194, 104703. (2023)
- For teaching the AI concepts, there are a number of tools available in the market already, like Neural Network Playground
- It is questionable that the technical background of some selected algorithms are summarised. Some of them are the commonly-known materials. Moreover, the justifications of the selected algorithms are lacking.
- The outcome and objectives of this research are not clear, such that the discussion parts cannot be commented.