

# Review of: "E-learning and the Use of AI: A Review of Current Practices and Future Directions"

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**Potential competing interests:** No potential competing interests to declare.

I read the article "E-learning and the Use of AI: A Review of Current Practices and Future Directions" carefully and thoroughly. Although this presents a very interesting topic with great potential and multiple applications, this specific manuscript lacks pivotal components of scientific writing. The author presents their personal outlook on the subject rather than an objective analysis of evidence-based data.

The two most important flaws of the manuscript are the lack of standardized citation (i.e. citing specific articles at specific points of the text) and suboptimal description of Methods and Results.

More specifically, the Methods section is supposed to include a thorough description of the search strategy (in this case of the review), a flow diagram from the initial search until the final inclusion of articles (not a simple reference to the timeframe and the searched databases), inclusion and exclusion criteria, selection of study design with justification, justification for exclusion of excluded studies, description of population-interventions-comparators-outcomes-study design (PICOS) of the included studies, calculation of risk of bias, estimation of heterogeneity, etc.

Furthermore, the Results section should be as objective as possible and exclusively reflective of the available evidence.

As such, expressions as "[t]he use of AI in e-learning has emerged as a promising solution to address the challenges of traditional e-learning methods" are not appropriate in this section, but rather in the Discussion.

The Discussion is elaborate and the use of English is fluent, but again the conclusions should be based on the findings described in the Results.

In conclusion, I believe that this study tackles with a very interesting topic but the author should revise their writing approach to present his arguments in a more scientifically sound and standardized manner.

Thank you for taking time to consider my review.