

Review of: "An Explorative Review of Artificial Intelligence Software (Chatbot) Impact on Education System"

Xiaona Zhang¹

¹ Universiti Sains Malaysia

Potential competing interests: No potential competing interests to declare.

Title: An Explorative Review of Artificial Intelligence Software (Chatbot) Impact on Education System

Abstract:

The manuscript titled "An Explorative Review of Artificial Intelligence Software (Chatbot) Impact on Education System" explores the impact of chatbot technology on the education sector. The abstract provides a clear overview of the paper's scope, which includes discussing the potential benefits and drawbacks of integrating chatbots in education. It outlines the historical development of chatbots, their application in education, and their ethical implications. The abstract effectively highlights the necessity for critical analysis of chatbot usage in education and calls for responsible deployment. The keywords provided appropriately capture the key themes of the study.

Introduction:

The introduction presents the purpose of the research investigation, addressing the potential advantages and concerns of incorporating chatbots into education. Relevant literature is cited to support the research context. The introduction effectively establishes the background and rationale for the study.

Methods:

The methodology section outlines the approach taken for the research, explaining the exploratory strategy used to analyze the potential issues and opportunities related to chatbot use in research and education. However, more details regarding the specific research methods and data collection techniques could enhance the clarity of this section.

Literature Review:

The literature review provides a historical overview of chatbot development, discussing significant milestones and applications. It effectively integrates previous research findings on the impact of chatbots in education, including both positive and negative aspects. The section appropriately highlights the ethical concerns and potential biases associated with chatbots.

Results:

The results section is divided into two parts, discussing both the negative and positive impacts of chatbots on the

education system. The negative impact subsection highlights potential ethical issues related to academic misconduct and cheating through the misuse of chatbots. However, it could benefit from further elaboration on the specific mechanisms through which these challenges might arise. The positive impact subsection acknowledges chatbots as potential research assistants and emphasizes their benefits in data collection and individualized support. The presentation of contrasting impacts provides a balanced view of the topic.

Conclusion:

The conclusion effectively summarizes the study's findings, emphasizing the need for critical analysis of the ethical and technological implications of chatbot use in education. The conclusion aligns with the study's objectives and presents a balanced perspective on the potential benefits and challenges of chatbots in education. However, to further strengthen the conclusion, you may consider adding a brief discussion of the implications of the study's findings for educators, researchers, and policymakers.

Language and Grammar:

The manuscript is generally well-written, but some sentences could benefit from clearer structuring. Additionally, a thorough proofreading is recommended to address minor grammatical errors and improve the overall clarity of the text.

Overall, the manuscript presents a valuable exploration of the impact of chatbot technology on education. The paper effectively combines historical context, research findings, and ethical considerations to provide a comprehensive view of the topic. To enhance the manuscript, consider providing more specific details in the methods section, further elaboration on certain aspects of the results section, and a concise discussion of the practical implications in the conclusion. Additionally, addressing language and grammar issues will contribute to the clarity and readability of the manuscript.

I recommend that the authors carefully address the above-mentioned points to strengthen the manuscript's coherence, clarity, and impact. The paper has the potential to make a valuable contribution to the field of educational technology and its integration with AI systems.