International Journal of **Human Sciences Research**

CONTRIBUTIONS-OF-CHAT-GPT-IN-SOLVING-PROBLEMS-IN-EDUCATION-A-CRITICAL-ANALYSIS

Marcus Fernandes da Silva

1

Chat GPT, an artificial intelligence tool based on natural language processing, appears as a potential ally in education, especially in problem-solving pedagogy. The text "GPT Chat Contributions to Problem Solving in Education" explores this perspective, but lacks gaps that can be filled for a more robust and critical analysis.

The text is right to contextualize Chat GPT in the panorama of innovative methodologies in education, such as project-based learning, flipped classrooms and gamification. The description of how the tool works and its practical examples in science and physics classes are clear and informative. The analysis of problem-solving pedagogy highlights the importance of the process and reflection on errors, key points for learning.

However, the text could be more concise, avoiding repetitions and redundant information. The formatting makes reading difficult, requiring more organized titles, subtitles and paragraphs. The analysis of the ethical challenges of using Chat GPT is superficial, not delving into topics such as the perpetuation of prejudices, misinformation and privacy of student data. Citing studies on the impact of the tool on student learning would enrich the analysis and demonstrate its effectiveness.

Although it offers an interesting analysis, the text lacks conciseness and superficiality in the analysis of the ethical challenges of the tool. Going deeper into this aspect, including studies on the impact of Chat GPT on learning and organizing the text would strengthen the argument and offer a more critical and complete view of the topic.

The clear and accessible language, and the knowledge demonstrated by the author on the topic are positive points. This critical analysis aims to contribute to the improvement of the text and to reflection on the use of Chat GPT in education, a tool with great potential, but which requires a critical and reflective approach on the part of educators.

In order to make the title of this work as objective and concise as possible, we suggest the following titles: GPT Chat and Problem Solving in Education: Challenges and Opportunities; GPT Chat: Innovative Tool for Learning? The Potential of GPT Chat for Education: A Critical Analysis.

Regarding the originality of the title of this work, the original title, "Contributions of GPT Chat in Problem Solving in Education", is informative, but very long. A more concise title would be easier to remember and could spark more interest in the reader.

REFERENCES

Silva, M. F; Silva, W.A. e Barbosa, F. J. (2024). Contribution of chat GPT to Solving Problems in Educations. International Journal of Human Sciences Research, 4(1), 1-10. Disponível em: https://doi.org/10.22533/at.ed.558412402012. Acesso em 06/02/2024.