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ADVANTAGES-AND-DISADVANTAGES-OF-GPT-CHAT-FOR-EDUCATION

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Chat GPT is a type of artificial intelligence from the company OpenAI that can generate text, translate languages, create programming language codes, write different types of creative content, and answer your questions interactively. This short paper explores the potential of Chat GPT in education, discussing its possible benefits and challenges.

Artificial intelligence (AI) has the potential to revolutionize education, making it more personalized, efficient and accessible and, like any technological evolution, it also brings in its essence issues of violations of ethical principles and even its limitations in the prerogative of providing some results that go beyond the limits of reasonableness.

Taking these issues into consideration IFSC VERIFICA (2023) takes into consideration, some benefits and some disadvantages of this new technology. He points out the benefits as personalization, efficiency and access in education.

With regards to personalization, GPT Chat can be used to individually target learning for each student, providing content and activities relevant to their skill level and interests. As a concrete example, the aforementioned Chat can be used to generate personalized exercises for each learner, or to provide individualized feedback on the students' work.

Regarding efficiency, expanding its expansion, Chat GPT can be applied to automate administrative tasks, freeing teachers to focus solely on student learning. In this case, it can be used to schedule tests, answer student questions or generate progress reports.

Regarding access, Chat GPT can be used to make education more accessible to people who live in remote areas or who have special needs. Thus, it can provide online tutoring or translate educational content into other languages, including.

Taking into consideration, the challenges of this innovative technology, IFSC VERIFICA (2023) highlights related themes beyond the educational field, regarding losses, inequalities and job losses.

Regarding harm, Chat GPT favors the creation of harmful content, such as hate speech, fake news, visual or textual propaganda, whether amoral or immoral. It is therefore necessary to link the responsible use of Chat GPT to Ethics and Deontology, monitoring the content it may generate.

Regarding the promotion of inequalities, Chat GPT can increase, in the educational field, as students who have access to advanced technologies have an advantage over those who do not have them. It is important to ensure that all students have access to GPT Chat and that they know how to use it effectively and, as already stated, ethically responsible.

Regarding job losses, Chat GPT can also lead to the loss of access to the job market for teachers and other education professionals. Therefore, it is important that public policies optimize the problem by making educators prepare for possible changes in the world of work and employment, in order to develop new skills to remain competitive in the local and global market.

Therefore, Chat GPT has the potential to be a powerful tool for education when it is used ethically and responsibly and this, consequently, guarantees that it is a tool to improve education for all students with great equity. .

Taking this discussion into consideration and, following the premise of making the most of the benefits of Chat GPT in education, it is important that educators are prepared for the challenges and opportunities that this technology presents. To this end, some recommendations for the use of this technology in education related to training, research and evaluation will be outlined below.

Regarding training, educators must receive

useful knowledge about Chat GPT and its scope so that they can use this technology, measuring the benefits and harms as an ethical praxis.

Regarding research, it is important to invest in ethically neutral scientific studies on GPT Chat, focusing educational practice on its use to improve learning. Within the scope of the evaluation, it is important to evaluate the impacts of Chat GPT to ensure that this technology is used to detect student achievement and performance in a meritocratic way.

In summary, this short paper provides an overview of the potential of Chat GPT in education in a constructivist way as just another powerful tool that can be inserted into the educational space to improve learning in various ways. However, we must emphasize that it is important to use Chat GPT by monitoring the content it generates, resulting in the need for ethical standards to be optimized on a global basis taking into consideration, their impacts on the individual and social groups.

In this sense, it is also prudent to highlight that new artificial intelligence tools are emerging that use chats as users to generate commands (also known as prompts) by them. In addition to Chat GPT 3.5 from the company OPENAI, which is used for free, we have Chat GPT 4.0 from the same company OPENAI in a paid version, we have Bing (an association between Microsoft and the company OPENAI as Chat GPT4.0 for free), we have Bard from Google and many others. This range of options can generate more competition between these companies, helping to further improve their quality, at the same time that educators must be aware that they will continue to be tools that can make mistakes; which means that the role of the teacher continues to be important to observe possible inconveniences, in addition to new ethical issues that may arise.

REFERENCES

IFSC VERIFICA. Quais os impactos do Chat GPT e da Inteligência Artifical na Educação? Portal do IFSC, 2023. Disponível em: https://ifsc.edu.br/web/ifsc-verifica/w/quais-os-impactos-do-chatgpt-e-da-inteligencia-artificial-na-educacao-. Acesso em: 28 jul. 2023.