

AI tools enhance academic writing by supporting students and promoting better outcomes in creativity and expression.

The advent of artificial intelligence over the past few years has led to significant developments in the current use and potential of AI in academic writing. The high level of accessibility, efficiency and quality that AI can bring about in terms of research and analysis arguably allow students to not only express themselves in a more effective manner but also to discover new concepts adding to their originality and wider academic awareness.

The easily accessible nature of platforms such as Chatgpt and Quillbot allow an increasing amount of students to have access to a incredibly large variety of information whilst producing highly specific responses at the same time. AI tools can produce large amounts of content in a short amount of time, which has a profound impact on students' efficiency and productivity levels. For example, Chatgpt's average response time has hit lows of 3 seconds (Ilias Ism 2025), generating precisely the information needed by a student to continue research or compile evidence for coursework. However, one issue that may arise with the fast speeds and large quantities at which the data is produced is the quality and accuracy of the information. When a system is produced at such speeds, which would conventionally take hours, there are bound to be doubts surrounding its legitimacy. A recent study suggests that the latest model of Chatgpt has an 85% accuracy rate in its responses (Grzywacz,2024). Although this may be considered as inaccurate and untrustworthy, prompts can also be made for the AI to provide academic/online sources of where it got its information from. This enhances the level of security in the legitimacy of AI's responses as the information can be immediately fact checked when received and provides an alternative to blindly trusting sources without confirmation of truth. Overall, although Chatgpt and other AI sources may not be completely accurate at the moment, as time goes on and the industry grows, accuracy rates will undoubtedly rise. Furthermore, the truthfulness of the information can be cross checked using the sources provided by the AI, this ensures that students are not misled, allowing them to fully exploit the benefits of AI such as highly efficient research and a large amount of readily available information.

AI can also potentially be used to enhance a student's creativity in many ways, most importantly being exposed to an unprecedented amount of new concepts and ideas. Students can explore their subject of study and engage in wider reading using AI by prompting it to suggest interesting and unique areas. This would allow for a student to widen their academic horizons and take inspiration to fuel and create their own academic endeavours. These may be expressed through producing reports, articles or journals using the newfound knowledge. AI may also help improve a student's personal writing and articulation skills by providing a free tailored service (Akkureddy, S. 2024) which cannot be accessed using conventional digital platforms such as google and wikipedia. AI can be used to enhance a student's use of English by teaching spelling and grammar skills. On the other hand, a major risk that comes with the use of ai to inspire creativity is the potential for plagiarism and the threat to originality. If used incorrectly, AI produces a synthesis of work from many different sources and presents it in a unified way. If a student were to copy parts from the content generated they may be at risk of committing plagiarism as the work was not made explicitly by the AI platform but by others (Demetriou, N. 2024). The use of AI to generate ideas and stimulate creativity can also lead to a dependency on artificial sources to complete tasks that impede the process of individual thoughts and academic integrity. However, these issues can again be overcome if AI is used in a proper manner, by prompting it to always cite sources and to not become over dependent on it to act as an external brain.

In conclusion, AI does have the potential to threaten academic integrity at times especially due to its addictive nature that can make students dependent on it to provide easy and fast results. However, when used correctly and in moderation, AI can have a significant benefit on a student's academic growth by enhancing not only their written skills but it can also contribute to developing a creative and open mindset.

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