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ETHICS OF ARTIFICIAL INTELLIGENCE IMPLEMENTATION: FOUNDATION OF INTEGRITY IN THE ACADEMIC REALM

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The issue of academic integrity (AI) in the context of artificial intelligence remains relevant today. The rapid advancement of artificial intelligence introduces new tools for data processing and analysis, complicating the detection of plagiarism and increasing potential risks of violating academic integrity. The integration of AI

into educational processes may create complexities in assessing the originality of works, particularly in fields where algorithm-generated content can be challenging to distinguish from authentic creations. There is a need to develop and establish clear ethical principles for the use of artificial intelligence in academic settings to prevent possible misuse or distortion of outcomes. The rapid development and wider accessibility of artificial intelligence technologies may encourage more instances of dishonest practices among users. The development of educational programs aimed at raising awareness of ethical issues related to the use of artificial intelligence is crucial for preparing students and professionals to ethically utilize these technologies.

Advantages of Applying Artificial Intelligence to Foster Academic Integrity:

1. The development of artificial intelligence raises new questions regarding academic integrity, casting doubt on the ethical standards of using automated information processing tools.

2. Employing artificial intelligence in academic processes necessitates stringent measures to ensure the originality of work and combat plagiarism.

3. Ethical utilization of artificial intelligence in the academic realm requires education and awareness among both students and educators regarding its proper application and consequences.

4. The use of artificial intelligence can facilitate plagiarism detection processes and support academic integrity by providing tools for analyzing and verifying authorship of works.

5. Sustaining academic integrity in the era of artificial intelligence calls for a balance between technological advancement and upholding high standards within educational institutions.

The application of artificial intelligence in an academic environment, despite its advantages, also has its drawbacks that can impact academic integrity:

1. Artificial intelligence can generate text or content similar to the original, complicating the process of detecting plagiarism and making it more challenging to identify.

2. AI systems, although highly advanced, can still make mistakes in recognizing the originality of works or authorship due to a lack of context or insufficient databases for comparison.

3. Unscrupulous users may utilize AI to manipulate data or generate pseudo-original materials, potentially undermining trust in academic sources.

4. Not all educational institutions have equal access to cutting-edge AI technologies, leading to disparities in the ability to control and detect plagiarism.

5. The application of AI in the context of academic integrity raises ethical questions concerning responsibility for using these technologies and their potential negative consequences.

The advancement of artificial intelligence technologies demands attention to the ethical aspects of their implementation in academic processes. This necessitates the development of clear ethical standards and an understanding of potential risks. Considering the complexity of detecting plagiarism in works, there is a need to strengthen and modernize the means of controlling the originality of academic creations in the context of AI usage. It is crucial to establish educational programs for students and professionals to equip them with knowledge about the ethical use of AI in academic settings.

Key words: academic integrity, artificial intelligence, plagiarism, ethical standards.