

Creative AI Tools and Ethical Implications in Teaching and Learning

Part of the Advances in Education Technologies and Instructional Design Book Series

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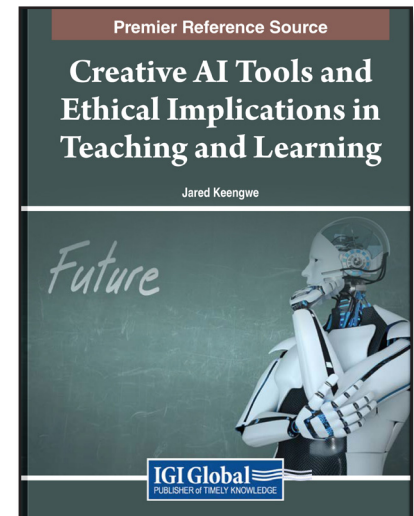
Description:

As generative Artificial Intelligence (AI) tools become increasingly prevalent, it is crucial for educators to develop a nuanced understanding of the ethical implications associated with their use. Educators today face the critical task of navigating the pedagogical applications of AI and maximizing its potential to foster student learning. *Creative AI Tools and Ethical Implications in Teaching and Learning* is an insightful exploration of the ethical considerations surrounding the integration of AI in education. Educators may fear how it will rapidly transforming the educational landscape, but this book serves to support them and delves into the opportunities and challenges that arise when leveraging AI to enhance teaching and learning experiences.

This book sheds light on the various dimensions of AI in education, including face-to-face, blended, and online learning environments. It also offers practical guidance on designing AI-based classroom activities and harnessing open AI technologies to create engaging learning experiences. This book also delves into the pressing issues of bias, misinformation, and access, urging educators to critically evaluate and address these concerns. It also provides ethical guidelines for the responsible integration of AI in education, ensuring that students' rights and well-being are safeguarded.

Creative AI Tools and Ethical Implications in Teaching and Learning goes beyond theory to offer practical strategies for integrating AI creatively into the classroom. From learning analytics and educational data mining to AI game activities and generative AI tools like ChatGPT, this book equips educators with the knowledge and resources to adapt AI technologies to support teaching and learning effectively.

Moreover, the book explores the vital connection between AI and student assessment, highlighting how AI can enhance the evaluation process while maintaining fairness and objectivity. It concludes with an insightful glimpse into the future of AI in education, envisioning the transformative possibilities that lie ahead. This comprehensive guide provides educators, researchers, and policymakers with the tools they need to navigate the complexities of AI in education.



ISBN: 9798369302057

Pages: 291

Copyright: 2023

Release Date: September, 2023

Hardcover: \$215.00

E-Book: \$215.00

**Hardcover +
E-Book:** \$260.00

Topics Covered:

- Artificial Intelligence (AI)
- ChatGPT
- Creative Application
- Ethical Guidelines
- Ethical Implications
- Generative Artificial Intelligence Tool
- Artificial Intelligence Integration into Education
- Learning Analytics
- Misinformation
- Open AI in Education
- Pedagogical Use
- Student Assessment
- Teaching and Learning

Subject: Education

Classification: Edited Reference

Readership Level: Advanced-Academic Level
(Research Recommended)

Research Suitable for: Advanced Undergraduate Students; Graduate Students; Researchers; Academicians; Professionals; Practitioners

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