Enhancing Higher Education and Research With OpenAI Models

Part of the Advances in Higher Education and Professional Development
Book Series

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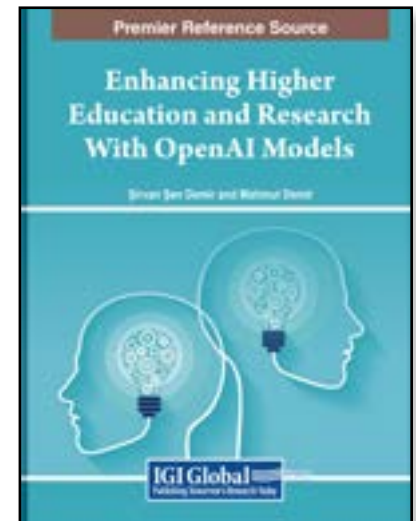Demir (Isparta University of Applied Sciences, Turkey)

Description:

As classrooms move from chalkboards to digital platforms, there's a critical juncture where the potential of AI intersects with the future of academia. The problem is multifaceted — it involves the nature of pedagogy, the demand for personalized learning experiences, and the ethical considerations inherent in deploying AI technologies. Educators, researchers, and administrators face the challenge of navigating this transformation while ensuring inclusivity, fairness, and ethical practice. Integrating AI in higher education risks becoming a chaotic endeavor without a comprehensive understanding of the opportunities, challenges, and ethical dimensions. The lack of a strategic approach could lead to biases, privacy concerns, and a digital divide exacerbating educational inequalities.

Enhancing Higher Education and Research With OpenAI Models explores the intersection of artificial intelligence and higher education, focusing on the social sciences. A collaborative team of academics and AI expert's analyses aims to illuminate the transformative potential of integrating AI technologies into traditional educational settings.

The book unravels the rich tapestry of the history of higher education in the social sciences, tracing the evolution from conventional blackboards to the modern digital landscape. It meticulously examines the increasing integration of technology in classrooms. It sets the stage for the impact of AI-driven tools and data analytics on pedagogy, personalized learning experiences, and broader access to education.

Central to the book's narrative is the exploration of AI-powered models and their augmentation of research processes within the social sciences. By delving into how these models facilitate data analysis, identify patterns, and shape the future of scholarly pursuits, the book provides a roadmap for educators, researchers, and administrators to implement AI technologies responsibly while addressing associated challenges and ethical considerations.

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Topics Covered:

- Algorithmic Fairness
- Artificial Intelligence
- Data Analytics in Higher Education
- Ethical Considerations
- Higher Education
- Inclusive Education
- Innovation in Education
- Multidisciplinary Approaches
- OpenAI Models
- Pedagogy
- Personalized Learning
- Responsible AI Implementation
- Social Sciences
- Student Engagement

Subject: Computer Science & Information Technology	**Classification:** Edited Reference
Readership Level: Advanced-Academic Level (Research Recommended)	**Research Suitable for:** Advanced Undergraduate Students; Graduate Students; Researchers; Academicians; Professionals; Practitioners