Transforming Scholarly Publishing With Blockchain Technologies and AI
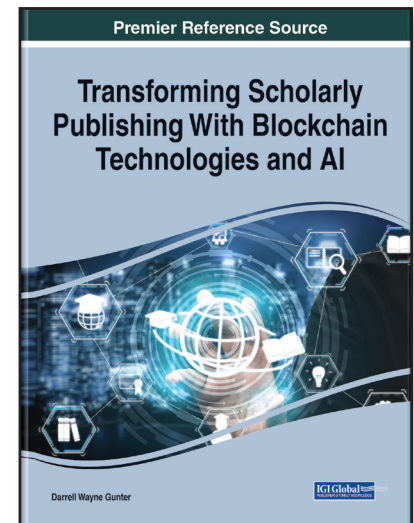
Part of the Advances in Data Mining and Database Management Book Series

Darrell Wayne Gunter (Gunter Media Group, Inc., USA)

Premier Reference Source

Transforming Scholarly Publishing With Blockchain Technologies and AI

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IGI Global

Description:

Every industry will be positively affected by blockchain and AI technology at some point. However, blockchain is a misunderstood technology within the publishing realm. The scholarly publishing industry can significantly improve the flow of research, drive down costs, and introduce new efficiencies in the publishing industry with these new technologies. The scholarly publishing industry is in its early days of the digital transformation, and blockchain and AI technology could play a major role in this. However, the industry has been resistant to change. These reasons include but are not limited to staying with legacy systems, cost of new platforms, changing cultures, and understanding and adopting new technologies. With proper research and information provided, the publishing industry can adopt these technologies for beneficial advancements and the generation of a bright future.

Transforming Scholarly Publishing With Blockchain Technologies and AI explores the changing landscape of scholarly publishing and how blockchain technologies and AI are slowly being integrated and used within the industry. This book covers both the benefits and challenges of implementing technology and provides both cases and new developments. Topics highlighted include business model developments, new efficiencies in scholarly publishing, blockchain in research libraries, knowledge discovery, and blockchain in academic publishing. This book is a valuable reference tool for publishers, IT specialists, technologists, publishing vendors, researchers, academicians, and students who are interested in how blockchain technologies and AI are transforming and developing a modern scholarly publishing industry.

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Topics Covered:

- Artificial Intelligence (AI)
- Blockchain
- Business Model Developments
- Digital Transformation
- Internet of Things (IoT)
- Knowledge Discovery
- Metadata Creation
- Privacy and Security
- Research Libraries
- Scholarly Publishing
- Sustainable Business

Subject: Library and Information Science

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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