Applications of Data Science and Cybersecurity Innovations in Industry 4.0 Technologies
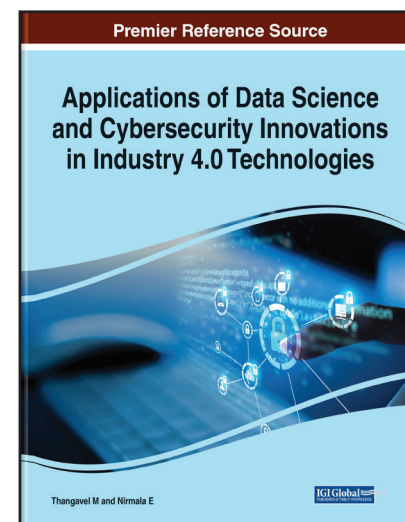
Part of the Advances in Information Security, Privacy, and Ethics Book Series

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Description:

Disruptive innovations are now propelling Industry 4.0 (I4.0) and presenting new opportunities for value generation in all major industry segments. I4.0 technologies' innovations in cybersecurity and data science provide smart apps and services with accurate real-time monitoring and control. Through enhanced access to real-time information, it also aims to increase overall effectiveness, lower costs, and increase the efficiency of people, processes, and technology.

Applications of Data Science and Cybersecurity Innovations in Industry 4.0 Technologies discusses the technological foundations of cybersecurity and data science within the scope of the I4.0 landscape and details the existing cybersecurity and data science innovations with I4.0 applications, as well as state-of-the-art solutions with regard to both academic research and practical implementations. Covering key topics such as data science, blockchain, and artificial intelligence, this premier reference source is ideal for industry professionals, computer scientists, scholars, researchers, academicians, practitioners, instructors, and students.

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Hardcover: $250.00	**Softcover:** $190.00	**E-Book:** $250.00	**Hardcover + E-Book:** $300.00

Topics Covered:

- Artificial Intelligence
- Augmented Reality
- Blockchain
- Cloud Computing
- Computer Vision
- Cybersecurity
- Data Analytics
- Data Science
- Industry 4.0
- Internet of Things
- Robotics

Subject: Security and Forensics

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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