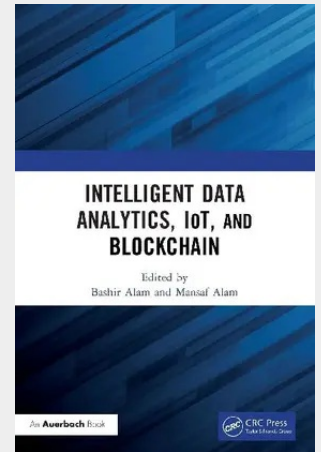


Intelligent Data Analytics, IoT, and Blockchain

This book focuses on data analytics with machine learning using IoT and blockchain technology. Integrating these three fields by examining their interconnections, Intelligent Data Analytics, IoT, and Blockchain examines the opportunities and challenges of developing systems and applications exploiting these technologies. Written primarily for researchers who are working in this multi-disciplinary field, the book also benefits industry experts and technology executives who want to develop their organizations' decision-making capabilities. Highlights of the book include: - Using image processing with machine learning techniques - A deep learning approach for facial recognition - A scalable system architecture for smart cities based on cognitive IoT - Source authentication of videos shared on social media - Survey of blockchain in healthcare - Accident prediction by vehicle tracking - Big data analytics in disaster management - Applicability, limitations, and opportunities of blockchain technology The book presents novel ideas and insights on different aspects of data analytics, blockchain technology, and IoT. It views these technologies as interdisciplinary fields concerning processes and systems that extract knowledge and insights from data. Focusing on recent advances, the book offers a variety of solutions to real-life challenges with an emphasis on security.

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91,50 €

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Lieferfrist: bis zu 10 Tage

Artikelnummer: 9781032442792

Medium: Buch

ISBN: 978-1-032-44279-2

Verlag: Auerbach Publications

Erscheinungstermin: 13.04.2025

Sprache(n): Englisch

Auflage: 1. Auflage 2025

Produktform: Kartoniert

Gewicht: 559 g

Seiten: 366

Format (B x H): 156 x 234 mm

