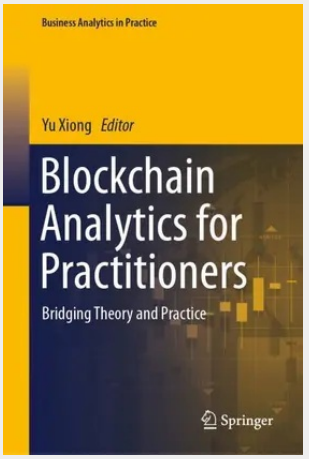
Xiong

Blockchain Analytics for Practitioners

Bridging Theory and Practice



This book offers a comprehensive guide to blockchain analytics, from foundational concepts to advanced applications, crafted for professionals, academics, policymakers, and students. It begins with an introduction to blockchain technology and analytics, highlighting the unique structure of blockchain data, collection methods, and distinctions from traditional databases. Analytical techniques are covered in depth, including statistical and machine learning methods, real-time analysis, and predictive modeling.

It contains numerous practical industry use cases that demonstrate how blockchain analytics transforms finance, supply chain, and healthcare, enhancing fraud detection, data security, and product verification. Sections on security and privacy address tools to protect blockchain data and manage risks, while global regulatory insights emphasize transparency and policy development. It provides actionable insights on emerging integrations with AI, IoT, and quantum computing.

As such, industry leaders will discover frameworks for integrating blockchain into business, while academics gain insights into the analytic methodologies that underpin blockchain technology. Policymakers and government officials can use this resource to develop policies promoting transparency and security. For students and educators, the book serves as an essential foundation in blockchain, data analytics, and fintech.

The book was selected as a Finalist in two categories at the prestigious 2026 International Book Awards—Business: Reference and Business: Technology.

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