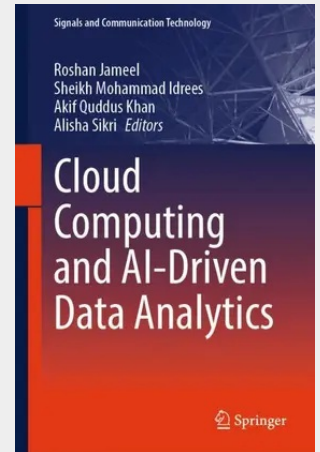


Cloud Computing and AI-Driven Data Analytics

This book provides an overview of developments in cloud computing and AI-driven data analytics, highlighting how these technologies are transforming the way data is managed, processed, and utilized across diverse application domains. It explores emerging approaches, challenges, and opportunities in building intelligent, scalable, and secure digital systems.

Bringing together contributions from researchers and practitioners, the book covers both foundational concepts and advanced applications, offering insights into modern data-driven technologies and their role in addressing real-world problems. Topics discussed include cloud-based services, machine learning, cybersecurity, privacy, distributed computing, and intelligent decision-support systems. The book also examines the integration of cloud and AI technologies with other emerging paradigms to address evolving technological and societal needs. It serves as a valuable resource for students, researchers, and professionals interested in the evolving intersection of cloud computing, artificial intelligence, and data analytics.

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