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Nota di contenuto	A Cryptographic Revolution Using Quantum Networking for Secure Communication -- Click stream Analysis and Fraud Detection Using Modified Metaheuristic Optimized Gated Recurrent Unit Based Models -- Optimizing TinyML Models for Real-Time Environmental Monitoring: A Comparative Study of Compression Techniques -- Sign Language Detection and Translation using Smart Glove 2.0 using Hybrid CNN-Transformer Model -- Deep Learning Techniques for Image Recognition in Environmental Monitoring -- Enhancing Solar Panel Efficiency in Harsh Climates: An UAV-Integrated WSN Cleaning Approach -- Combating Deepfakes: A Powerful Hybrid Approach with LSTM and ResNeXt -- AI Powered Strategies for Teaching and Learning in Management Education: Shaping Tomorrow's Leaders -- Enhancing Metastatic Breast Cancer Prognostics for Integrated Multi-Modal Data using Deep Learning and Generative Adversarial Networks -- Simulating AODV Using NS-2 as VANET's Routing Protocol.

## Sommario/riassunto

This book includes original unpublished contributions presented at the International Conference on Data Analytics and Management (ICDAM 2025), held at London Metropolitan University, London, UK, during June 2025. The book covers the topics in data analytics, data management, big data, computational intelligence, and communication networks. The book presents innovative work by leading academics, researchers, and experts from industry which is useful for young researchers and students. The book is divided into ten volumes.

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