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Nota di contenuto	Mitigating Social Engineering Attacks Through AI and Behavioral Analytics in Human-Centric Cybersecurity -- Evaluating the Effectiveness of Generative Adversarial Networks (GANs) in Creating Synthetic Datasets for Healthcare Applications -- Comprehensive Approach to Vietnamese Scene Text Recognition: Challenges, Models and Framework Development -- Trusted Federated Learning: A Sustainable Framework for Edge Intelligence in Healthcare Applications -- Optimizing Sentiment Classification of Product Reviews with NLP and Machine Learning -- Delay-Optimized Approximate Realization Technique for Chaotic Systems (DART) -- Rationality in Changing Online Purchase Decisions: The impact of Robotic process Automation Among Youngsters -- Improving Industrial Control System Security: A Data Balanced Machine Learning Approach -- MLMCID: Machine Learning for Multi-Class Intrusion Detection Using the CIC-IoT-2023 Dataset -- Study of Driver Behaviour Due to Diverted Attention Using

Vienna Testing System.

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**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This book includes original unpublished contributions presented at the International Conference on Data Analytics and Management (ICDAM 2025), held at London Metropolitan University, London, UK,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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