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Nota di contenuto	AMAZE-A Mobile Application for Comparing a Particular Electronic Gadget in Different E-Commerce Websites -- Blockchain Based Healthcare Management Systems: A Survey -- Devnagari Sign Language Recognition for Deaf and Mute Individuals using Convolutional Neural Network -- Exploring AI's Impact on the Apparel Industry: A TCCM Framework Analysis -- Artificial Intelligence in Talent Acquisition: A Comparative Study -- Impact of Informal Learning on Employee Engagement: A study among Indian professionals -- A Study of the User Perception on the Role of AI in E-Commerce -- Consumer Perception on The Effectiveness of Chatbots -- Optimizing the User Experience for Beauty E-commerce in India -- Signature Analysis of Physical Processing Unit of a Sewage Treatment Plant -- Need a Guide by my Side not a Sage on Stage: Chat GPT in Learning -- A Review:

Implementation of Partially Homomorphic Encryption and Fully Homomorphic Encryption on Cloud Computing -- Corporate Social Responsibility and Human Resource Management: A Qualitative Examination of how one impacts the other -- Missing Value Imputation in IoT-based Distributed Healthcare Systems: A Review -- IOT for digital product passport system in India -- AI-driven skin disease detection, diagnosis, and tailored medication recommendations Model -- Intelligent headgear system based on Peer-to-Peer communication -- Error Confinement Mechanism in CAN Bus -- Error Confinement Mechanism in CAN Bus -- Analyzing Modifications in Architecture of Classification to Regression Neural Network for Super Resolution Application -- The Systematic Review of Indoor Autonomous Navigation -- Material Twins for Sustainable Interiors: A Data-Driven Approach to Building Finish Optimization -- Enhanced Online Proctoring: Leveraging Client-Side Deep Learning -- Analysing the Power of AI in the Stock Market -- Enhancing Railway Platform Safety through Rotating and Sliding Gates with RFID Sensor Technology -- Generative Artificial Intelligence and Cybersecurity Risks: Issues and Challenges -- Metaverse learning landscapes: Unrevealing training and development patterns through Bibliometric and content analysis -- AgriPredict: Machine Learning Based Agricultural Commodity Price Prediction -- An Enhanced Smell Detection Algorithm for Optimized Feature Selection in Cyber Threat Detection -- Predictive analytics for seismic-prone regions of the Indian subcontinent using machine learning techniques -- Post Quantum Cryptography: A Gentle Introduction of Lattice-Based Cryptography (Kyber, NTRUCrypto) -- Impact of Low Code/No Code on Traditional Software Development -- Evaluating User Intention to Adopt Smart Home Devices in Emerging Markets: A customized TAM Model -- Comparative Analysis of Data Security Algorithms for IoMT Applications -- Towards Enhanced Primary Education: A Framework Proposal for Integrating Active Teaching Methods and ICT to Foster Knowledge Growth -- A Multi-layered Approach: Examining the Interplay Between GDPR, EU AI Act, and DPDP Act for ICT -- Leveraging Text-to-Image Generation Models for Automated Creative Processes in Corporate Marketing.

Sommario/riassunto

This book proposes new technologies and discusses future solutions for ICT design infrastructures, as reflected in high-quality papers presented at the 8th International Conference on ICT for Sustainable Development (ICT4SD 2024), held in Goa, India, on 8–9 August 2024. The book covers the topics such as big data and data mining, data fusion, IoT programming toolkits and frameworks, green communication systems and network, use of ICT in smart cities, sensor networks and embedded system, network and information security, wireless and optical networks, security, trust, and privacy, routing and control protocols, cognitive radio and networks, and natural language processing. Bringing together experts from different countries, the book explores a range of central issues from an international perspective.
