

1. Record Nr.	UNINA9911035161203321
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Titolo	Recent Trends in Artificial Intelligence and IoT : Second International Conference, ICAII 2024, Jamshedpur, India, October 25–26, 2024, Revised Selected Papers // edited by Rajesh Kumar Tiwari, D.K. Singh
Pubbl/distr/stampa	Cham : , : Springer Nature Switzerland : , : Imprint : Springer, , 2025
ISBN	3-032-06198-9
Edizione	[1st ed. 2025.]
Descrizione fisica	1 online resource (639 pages)
Collana	Communications in Computer and Information Science, , 1865-0937 ; ; 2549
Altri autori (Persone)	SinghD. K
Disciplina	006.3
Soggetti	Artificial intelligence Application software Computer networks Computer systems Computer engineering Artificial Intelligence Computer and Information Systems Applications Computer Communication Networks Computer System Implementation Computer Engineering and Networks
Lingua di pubblicazione	Inglese
Formato	Materiale a stampa
Livello bibliografico	Monografia
Nota di contenuto	-- Artificial Intelligence. -- Real-time Anomaly Detection in Micro-service Architectures. -- Topological Analysis of Alzheimer's Progression with Persistence Images. -- Logistic regression in machine learning and data analytics with Python for detecting financial fraud in credit card transactions. -- SENTINSIGHT: Unveiling Themes, Insights, and Success Metrics through Natural Language Processing. -- A Comparative Analysis of Machine Learning Algorithms for Early Prediction of Diabetes. -- Understanding User Requests in Chatbot Using Deep Learning. -- Optimizing Handloom Price Prediction: Leveraging Diverse Features for Superior Accuracy using Machine Learning. -- Comprehensive Review of Road Anomalies Detection Methods using Deep Learning Techniques. -- Advancement of Data

Visualization Techniques in Healthcare Using AI and Power BI. -- Role of Machine Learning in D2D Communication in 6G. -- Enhancing Agricultural Decision-Making using Machine Learning: Variety Selection and Yield Prediction for Agriculture Culture Improvement. -- A Study of forecasting Mobile Phone Booking Cancellation on Different E-commerce Websites Using Machine Learning Algorithms. -- Forecasting Gender Discrimination in Computer Literacy in Rural Areas of Jharkhand Until 2030. -- Convolutional Neural Network for the Identification Provider Fraud in Healthcare. -- The Role of AI in Human Resource Management: Innovations, Challenges, and Future Directions. -- Advancements in disease detection and diagnosis: An extensive review of Artificial Intelligence tools. -- Approaches of groundwater Water Quality prediction using machine learning techniques. -- Enhanced Face Recognition with Deep CNN and User-Friendly GUI Implementation. -- Comparative Analysis of Neural Networks and Language Models for College Website Chatbots. -- Financial and Technological Considerations for Deploying Applications on Cloud Computing Platforms: A case Study of AWS. -- Leveraging Neural Networks to Enhance Cluster Head Selection in the LEACH Protocol for Wireless Sensor Networks. -- Enhanced Twitter Sentiment Analysis with NLTK and Transformer Models. -- Quantum Computing through Artificial Intelligence. -- Internet of Things. -- A Multi-Criteria Driven Integrated Routing Protocol for IoT Communication in 6G Networks. -- Integrating Cloud, Edge, and IoT. -- Development of IoT Smart Devices Graphical Interfaces, Platforms, Middleware and Security Management of Internet of Things Using Block-Chain and Multi Tenancy: Literature Review. -- Blockchain. -- Decentralized GitHub Management: Blockchain Solution. -- Design Ubiquitous, Technologically Efficient Online Storage System Using Blockchain. -- Blockchain Based Decentralized IoT Device Management Using Smart Contract. -- Enhancing Distributed System Reliability through Request-Level Fault Injection and Fine-Grained Tracing. -- Decentralized Identity Management System Using Blockchain Technology for Secure and Private Authentication. -- The Role of Blockchain in Intellectual Property (IP) Protection and Enforcement: A Global Perspective. -- Saket Application Methodology on Network Security with Blockchain Technology. -- Blockchain and IPFS based Evidence Protection System for Safeguarding Women's Right.

Sommario/riassunto

This volume constitutes revised selected papers of the Second International Conference on Recent Trends in Artificial Intelligence and IoT, ICAII 2024, held in Jamshedpur, India, during October 25–26, 2024. The 34 full papers presented in this volume were carefully reviewed and selected from 157 submissions. They were grouped into the following topics: Artificial Intelligence, Internet of Things, and Blockchain.
