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Descrizione fisica	1 online resource (XVIII, 283 p. 97 illus., 77 illus. in color.)
Collana	Communications in Computer and Information Science, , 1865-0937 ; ; 1921
Disciplina	006
Soggetti	Image processing - Digital techniques Computer vision Artificial intelligence Computer engineering Computer networks Data protection Application software Computer Imaging, Vision, Pattern Recognition and Graphics Artificial Intelligence Computer Engineering and Networks Data and Information Security Computer and Information Systems Applications
Lingua di pubblicazione	Inglese
Formato	Materiale a stampa
Livello bibliografico	Monografia
Nota di contenuto	Enhanced Prediction of Heart Disease using Machine Learning and Deep Learning -- Machine Learning-Powered Tool for Automated Healthcare Diagnosis -- Development and Evaluation of an Artificial Intelligence-Based System for Pancreatic Cancer Detection and Diagnosis -- Comparative Analysis of Deep Learning Architectures for Garbage Classification -- Developing an Automated System for Pothole Detection and Management using Deep Learning -- Robust Neurodegenerative Disease Detection Using Machine Learning

Algorithms -- Real-Time Drowsiness Detection System Using Machine Learning -- Hate Speech Detection in Multi-Social Media Using Deep Learning -- Collating Weather Data and Grocery Cost using Machine Learning Techniques -- Breast Cancer Detection by using Decision Tree -- Integrating Scene and Text Recognition for Improved Scene Caption to assist Visually Impaired -- Sugarcane Leaf Disease Classification using Deep Learning -- An Analysis of Current Advancements: Elderly Fall Detection Systems Using Machine Learning Techniques -- DLMEKL: Design of an efficient Deep Learning Model for analyzing the effect of ECG & EEG disturbances on Kidney, Lungs and Liver functions -- A Comprehensive Review of the Latest Advancements in Large Generative AI Models -- Integration of IoT and Industry 4.0: Revolutionizing Industrial Processes -- Artificial Intelligence based Optimized Traffic Diversion System in Smart Cities -- Cloud Computing Enabled Autonomous Forest Fire Surveillance System Using Internet-of-Things -- Understanding Career Trajectories of IT professionals -A Machine Learning Approach -- RECOGNITION OF VARIETIES OF RICE USING DEEP LEARNING TECHNOLOGIES -- Optimizing Pneumonia Diagnosis through Local Binary Pattern and 2D-Wavelet Transform Based Feature Extraction and Classification -- Recognition of Infant Footprint: A Review of Advanced Techniques -- Method Comparison for Predicting Student Retention at a Private School in Indonesia -- Distribution and Semantics of Terms with the Component 'White' in the Bulgarian Language: a Statistical Approach -- Sanskrit OCR System -- Information Technology and Fintech Innovation and its effect on Indian Financial Services -- Application of Neural Networks and Genetic Algorithms in establishing Logical Rules for evaluating the edibility of Mushroom Data -- A Review on Machine Learning based Security in Edge Computing Environment -- Multiple linear regression based analysis of weather data : Assumptions and Limitations -- Ransomware Taxonomy and Detection Techniques Based on Machine Learning: A Review -- Analysis And Design of Document Similarity Using BiLSTM and BERT -- Customer Churn Analysis for Live Stream E-Commerce Platforms by Using Decision Tree Method -- Estimation of Reliability, BER, BLER and throughput during the coexistence of 4G LTE and 5G NR -- Sentiment Analysis of user-generated data using CNN-BiLSTM model -- Performance of Bayesian Networks Classification Models for Tuberculosis Patient Outcome Prediction with Imbalanced Dataset -- Exploring the Future of Edge Computing: Advantages, Limitations, and Opportunities -- Development of Facial Emotion Recognition System using Unimodal and Multimodal approach -- Fake Product Review Detection Using Machine Learning -- A survey on Designing Efficient WSN using Duty Cycle optimization -- A Novel Framework for Harnessing AI for Evidence-Based Policymaking in E-Governance Using Smart Contracts -- Vehicular Ad-hoc Networks: A Review on Applications & Security -- An Approach for Efficient Experts Selection in Team Formation Problems -- Cybersecurity Model for Mobile and Web Application Banking Sectors.

Sommario/riassunto

This book constitutes the refereed proceedings of the Second International Conference on Advanced Communication and Intelligent Systems, ICACIS 2023, held in Warsaw, Poland, during June 16–17, 2023. The 43 full papers included in this book were carefully reviewed and selected from 221 submissions. They were organized in topical sections as follows: Wireless Communication, Artificial Intelligence and Machine Learning, Robotics & Automation, Data Science, IoT and Smart Applications.
