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Nota di contenuto	Integrated Industrial Supply Chain with Intelligent Decision-Support Tools to achieve the Sustainable Developments Goals -- Alzheimer Disease Diagnosis using Multimodal data: A literature Review -- Advancements in Curvature Optimization for Millimeter-Wave Antennas in Cutting-Edge Communication Systems -- Exploring Defect Density Prediction: A Comparative Analysis of Feature Selection Techniques and Stacking Methodology -- Optimizing Disaster Recovery: A Comprehensive Study on Global Server Load Balancing in Network Solutions -- Query Assist: A Multimodal Verbal Specifications to Structured Query Conversion Model Using Word Vector Based Semantic Analysis -- Predicting Software Reliability through Machine Learning Analysis of Code Smells -- A High QoS Cluster Routing Scheme for Wireless Sensor Networks in Smart Agriculture Application -- Automatic Drowsiness Detection to Minimize Road Accident --

Development of ML Model For Road Lane Line Detection In Self Driving Cars by Using Concept of Computer Vision Techniques -- Advancements in Iris Recognition: A Comprehensive Review for Biometric Systems -- Plant Leaf Disease Detection using a Hybrid Model -- Image Caption Generator using Multimodal Techniques -- Image Caption Generator using Multimodal Techniques -- Customer Segmentation with RFM Analysis using Support Vector Machine -- Semi-Occluded Fire Detection in Buildings Through Deep Learning Approaches -- AI-Driven DevOps: A Tool Selection Guide -- Text Summarization and Sentiment Analysis using Transformer-based Models: Comparative Analysis -- Detection of Dysgraphia through Convolution Neural Networks -- An Empirical Review of Machine Learning Algorithms for Heart Disease Diagnosis -- Improved SOM and Hybrid Filtering Techniques for Recommending Next-Generation Movies in the Entertainment Industry -- Enhancing Customer Engagement through Generative AI-Driven Predictive Marketing - A Bibliometric analysis -- Performance Analysis of Machine Learning Classifiers on CICIDS2017 Dataset -- Analysing Refactoring Strategy for Handling Code Smell for Python Codes -- Exploring the Nexus of Deepfakes and VFX Technology: Unveiling Insights, Challenges, and Innovations -- Efficient Light Gradient Boosting Machine (LGBM) Framework for Early-Stage Diagnosis of Izheimer's Disease.

Sommario/riassunto

This book comprises the select peer-reviewed proceedings of the 4th International Conference on Information Technology (InCITe-2024). It aims to provide a comprehensive knowledge base highlighting state-of-the-art research and development and best practices for intelligent solutions in the digital era. It covers adaptive intelligence, decision intelligence, artificial intelligence, deep learning, machine learning, data science, and enabling technologies for IoT, blockchain, and other futuristic technologies. The content would serve as a rich knowledge repository on information & communication technologies, neural networks, fuzzy systems, natural language processing, data mining & warehousing, big data analytics, cloud computing, social networks and intelligence, decision-making, and modeling, information systems, IT architectures, and security related aspects. This book provides a valuable resource for those in academia and industry.