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Nota di contenuto	-- Novel Learning perspicacity of disciples about scripture texts from pontiff - based optimization algorithm. -- Performance and Productivity Trade-Offs in Modern PHP Frameworks: A Laravel vs. Symfony Analysis. -- Scalable Resource Allocation for Cloud IaaS Using Energy Valley Algorithm. -- Novel Quantum integrated growth and development of Indian economy - based optimization and optimal cost-effective apartment construction in urban region inspired algorithm. -- Determining the Best Battery Alternative for Electric Vehicles Through Spherical Fuzzy MCDM. -- A Secure Frame Work Using Blockchain with CP-ABE for IoT Environment. -- A Scalable Structure for Expert Module-Based Domain-Specific Adaptation of

Large Language Models. -- Secure Data Transmission via Integrity-Preserving and Lossless File-to-Image Sequence Encoding. -- Security Vulnerabilities and Countermeasures in MQTT-SN Communication. -- Optimizing Forecasting Pipelines with Hybrid Storage Models for High-Speed Preprocessing. -- White Blood Cell Image Analysis Using Vision Transformers and Smoothed Feature Extraction. -- Cluster Analysis for Detecting Energy Poverty Risk in Finnish Low-Income Households. -- Human Capital at Risk: Predictive Modeling for Strategic Retention Decisions. -- Finding Topic Distribution in Security Area of Swift Programming Language. -- Systematic Performance Evaluation of Machine Learning and Deep Learning Methods on HateXplain Dataset for Cyberbullying Detection. -- Efficient Driver Fatigue Detection via Face-Centric Transfer Learning with MobileNetV2. -- ChLAP: Chaotic Based Lightweight Authentication Protocol for Secure UAV Communication. -- Dynamic Test Case Prioritization through a Multifactor Approach using MLP. -- Leveraging Large Language Models and Social Media Data for Early Flood Identification. -- Age-Associated Differential Gene Expression in Early-Stage Cervical Cancer Patients. -- Abandoned Luggage Detection with Synthetic Scenario Generation. -- Analysis of Shop Floor Accident Protection Using Machine Learning Techniques. -- A Hybrid Machine Learning and Reinforcement Learning based framework for Intelligent Energy Management. -- Integrating Convolutional Neural Networks and Transformer Architecture for Accurate Potato leaf Disease Detection.

Sommario/riassunto

This book constitutes the revised selected papers of the 9th International Conference on Advances in Computing and Data Sciences, ICACDS 2025, held in Tallinn, Estonia, during August 28–29, 2025. The 24 full papers presented in this volume were carefully reviewed and selected from 178 submissions. These papers focus in areas such as artificial intelligence, machine learning, big data analytics, cloud computing, computer vision, natural language processing, and related domains.