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Nota di contenuto	Multimodal Body Sensor for Recognizing the Human Activity using DMOA Based FS With DL -- Detection of Chicken Disease based on Day-Age using Pre-trained Model of CNN -- Image Captioning using Xception-Long Short-Term Memory -- Performance Analysis of Different Classifiers using HOG and LBP for Traffic Sign Detection -- Classification of the Class Imbalanced Data Using Mahalanobis Distance With Feature Filtering -- Towards Data-Centric Approaches to Lung Cancer Classification -- Automatic Detection of Waterbodies from Satellite Images Using DeepLabV3+ -- Topic Classification of Text-Based Lesson Questions In Turkish with Berturk -- Highest Accuracy based Automated Depression Prediction using Natural Language

Processing -- Crime Prediction using Modified Capsule Network with CrissCross Optimization on the Sentiment Analysis for Cyber-Security -- Sentiment Analysis using Lexical Approach and Fuzzy Logic -- HTTP, WebSocket, and SignalR: A Comparison of Real-Time Online Communication Protocols -- An IoT based Early Alert System to monitor and reduce Electrical Energy Consumption at Home in Smart Cities -- Securing the MANET by detecting the Flooding Attacks using Hybrid CNN-Bi-LSTM-RF Model -- The Smart Coverage Path Planner for Autonomous Drones Using TSP and Tree Selection -- UAV Smart Navigation: Combining Delaunay Triangulation and the Bat Algorithm for Enhanced Efficiency -- A Comparative Analysis of Data Backup and Network Consistency in Cluster-Base Wireless Sensor Network Protocols -- Development of IoT-Healthcare Model for Gastric Cancer from Pathological Images -- Glaucoma Detection using Yolo V5 Algorithm -- Glaucoma Detection using Yolo V5 Algorithm -- Efficient Chest X-Ray Investigation using Firefly Algorithm Optimized Deep and Handcrafted Features -- Disease Risks Prediction Based Web Application using Machine Learning -- Weighted Average Ensemble Approach for Pediatric Pneumonia Diagnosis using Channel Attention Deep CNN Architecture -- Seasonal Disease based Demand Forecasting for Pharmaceutical Medications using Random Forest -- Hybrid Optimal Fine Tuning Approach in Deep Learning for Identifying Early Parkinson's Disease -- Hybrid Optimal Fine Tuning Approach in Deep Learning for Identifying Early Parkinson's Disease -- Ensemble Learning Based Social Engineering Fraud Detection Module for Cryptocurrency Transactions -- Analysis and Prediction of Crypto Currency using Deep Learning Algorithm -- Detecting the Attacks using Blockchain-Based Decentralized Security Architecture in IoT Environment -- Developing a system based on Block Chain Technology for E-Voting Mechanism -- A Permissioned Blockchain Approach for Real-Time Embedded Control Systems -- An Empirical Study of Machine Learning for Business Enterprises Management of Cloud Computing Services -- Prediction of Stock Market in Small-Scale Business using Deep Learning Techniques -- Predictive Intelligence based Semiconductor Substrate Fault Detection Model with User Interface -- Improving Sustainability with Deep Learning Models for Inland Water Quality Monitoring using Satellite Imagery -- Machine Learning Based Prediction of Student's Performance Based on Psychological and Behavioral Data -- Task Scheduling based Optimized Based Algorithm for Minimization of Energy Consumption in Cloud Computing Environment.

Sommario/riassunto

This book constitutes the refereed post-conference proceedings of the 9th International Conference on Mining Intelligence and Knowledge Exploration, MIKE 2023, held in Kristiansand, Norway, during June 28–30, 2023. The 22 full papers and 16 short papers included in this book were carefully reviewed and selected from 87 submissions. They were grouped into various subtopics including Knowledge Exploration in IoT, Medical Informatics, Machine Learning, Text Mining, Natural Language Processing, Cryptocurrency and Blockchain, Application of Artificial Intelligence, and other areas. .