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	Nota di contenuto	Intelligent Computing -- ADASEML: Hospitalization Period Prediction of COVID-19 Patients Using ADASYN and Stacking Based Ensemble Learning -- A Novel Weighted Visibility Graph Approach for Alcoholism Detection through the Analysis of EEG Signals -- A Dehusked Areca nut classification algorithm based on 10-fold cross-validation of Convolutional Neural Network -- CUSTOMER SEGMENTATION BASED ON RFM ANALYSIS AND UNSUPERVISED MACHINE LEARNING TECHNIQUE -- Manifold D-CNN Architecture for Contrastive Disease Classification Based on Respiratory Sounds -- A Pipelined Framework for the Prediction of Cardiac Disease with Dimensionality Reduction -- Prediction of Air Quality Index of Delhi using Higher Order Regression Modelling -- Deep learning for the classification of cassava leaf diseases in unbalanced field data set -- IMAGE CLASSIFICATION WITH INFORMATION EXTRACTION BY EVALUATING THE TEXT PATTERNS IN BILINGUAL DOCUMENTS -- Probabilistic Forecasting of the Winning IPL Team using Supervised Machine Learning -- Diversified licence plate character recognition using fuzzy image enhancement and LPRNet : an experimental approach -- High Blood Pressure Classification using Meta-Heuristic based Data-Centric Hybrid Machine Learning Model --

Implementing Machine Vision Process to Analyze Echocardiography for Heart Health Monitoring -- Social Media Bot Detection Using Machine Learning Approach -- Detection of Homophobia & Transphobia in Malayalam and Tamil: Exploring Deep Learning Methods -- Coffee Leaf Disease Detection using Transfer Learning -- Airline price prediction using XGBoost hyper-parameter tuning -- Exploring Deep Learning Methods for Classification of SAR Images: Towards NextGen Convolutions via Transformers -- Structure for the implementation and control of Robotic Process Automation projects -- Shrinkable Cryptographic Technique using Involutory Function for Image Encryption -- Implementation of Deep Learning models for real-time Face Mask Detection System using Raspberry Pi -- Depression Detection on Twitter using RNN and LSTM models -- Performance Assessment of Machine Learning Techniques for Corn Yield Prediction -- DETECTION OF BIRD AND FROG SPECIES FROM AUDIO DATASET USING DEEP LEARNING -- Lifestyle Disease Influencing Attribute Prediction using Novel Majority Voting Feature Selection -- Sample size estimation for effective modelling of classification problems in machine learning -- A Generative Model based Chatbot using Recurrent Neural Networks -- Pixel Attention Based Deep Neural Network for Chest CT Image Super Resolution -- Evaluation of Various Machine Learning based Existing Stress Prediction Support Systems (SPSSs) for COVID-19 Pandemic -- Machine Learning Approaches for the Detection of Schizophrenia using Structural MRI -- A Hybrid Model for Fake News Detection Using Clickbait: An Incremental Approach -- Building a Multi-class Prediction App for Malicious URLs -- Comparative Performance of Maximum Likelihood and Minimum Distance Classifiers on Land Use and Land Cover Analysis of Varanasi District (India) -- Recent Trends and Open Challenges in Blind Quantum Computation -- Driving Style Prediction using Clustering Algorithms -- Analyzing Fine-tune Pre-trained Models for Detecting Cucumber Plant Growth -- A Prediction Model with Multi-Pattern Missing Data Imputation for Medical Dataset -- Impact Analysis of Hello Flood attack on RPL -- Classification of Quora insincere questionnaire using soft computing paradigm -- Conventional Feature Engineering and Deep Learning approaches to Facial Expression Recognition: A Brief Overview -- Forecasting of rainfall using neural network and traditional almanac model -- Retinal Blood Vessel Segmentation Based On Modified CNN and Analyze the Perceptional Quality of Segmented Images -- Heuristics for K-Independent Total Traveling Salesperson Problem -- A Comparative Study and Analysis of Time Series Forecasting Techniques for Indian Summer Monsoon Rainfall (ISMR) -- YOLOv4 Vs YOLOv5: Object Detection on Surveillance Videos. .

Sommario/riassunto	This book constitutes the refereed proceedings of the Second International Conference on Advanced Network Technologies and Intelligent Computing, ANTIC 2022, held in Varanasi, India, during December 22–24, 2022. The 68 full papers and 11 short papers included in this book were carefully reviewed and selected from 443 submissions. They were organized in two topical sections as follows: Advanced Network Technologies and Intelligent Computing.