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Nota di contenuto	An Intelligent Approach for Brain Tumor Classification using different CNN Variants -- Effective Estimation of Relationship Strength among Facebook Users Applying Pearson Correlation and Jaccard's Coefficient -- Taxonomy of music genre using machine intelligence from feature melting technique -- Optimization of intraday trading in F&O on the NSE utilizing BOLLINGER BANDS -- Identification of mental state through speech using a deep learning approach -- Intellectual Property in Human Genomics in India -- Performance of Automated Machine Learning with Neural Network Estimators for the Classification of PCOS -- Job Recommendation a Hybrid Approach Using Text Processing -- A study to investigate the existence of monolexic colour terms in Dravidian languages: A visual psychophysics approach -- Deep Artificial Neural Network based Blind Color Image Watermarking -- IoT Based Automatic Temperature Screening & Alert System for Symptomatic COVID-19 Detection -- Boosting machine learning

algorithm to classify road conditions for maintenance strategy of flexible pavements -- Hyper parameterized LSTM models for predicting NSE intraday bias based on global market trends -- Malicious URL Classification using Machine Learning -- Prognostic stage classification for invasive breast cancer by analysing affected lymph node -- Survey of Task Scheduling algorithms for Minimizing Energy in a Cloud Computing Environment -- Human Stress Detection from SWCT EEG Data Using Optimised Stacked Deep Learning Model -- Impact of Carbon emission policies on an imperfect EOQ model under cloud fuzzy environment -- Rule-based investigation on positive change in air quality at Kolkata during lockdown period due to covid-19 pandemic -- Performance Analysis of Professional Higher Education Programmes Driven by Students Perception: A Latent Variable Computation Model for Industry 5.0 -- Graph Based Zero Shot Adverse Drug Reaction Detection From Social Media Reviews Using GPT-Neo -- Digital Twin for Industry 5.0: Concept, Methodologies, and Applications -- Application of Machine Learning Technology for Screening of Mental Health Disorder -- Novel Machine Learning Techniques for Diabetes Prediction -- Analysis of BLER and throughput during the coexistence of two 5G NR -- An Assessment of Forest Fire Dataset using Soft Computing Technique -- Predicting the data science employability rate using data mining techniques -- Classification of Online Fake News Using N-Gram Approach and Machine Learning Techniques -- An Edge Assisted Robust Smart Traffic Management and Signalling System for Guiding Emergency Vehicles During Peak Hours -- Patent Analysis on Artificial Intelligence in Food Industry: Worldwide Present Scenario -- Research of the influence of the fuzzy rules number on the learning of a neuro-fuzzy system -- Optimization of Traffic Flow Based on Periodic Fuzzy Graphs -- ChatGPT: A OpenAI Platform for Society 5.0.

Sommario/riassunto

This book features high-quality research papers presented at the First Doctoral Symposium on Human Centered Computing (HUMAN 2023), jointly organized by Computer Society of India, Kolkata Chapter and Techno India University, West Bengal, on February 25, 2023. This book discusses the topics of modern human centered computing and its applications. The book showcases the fusion of human sciences (social and cognitive) with computer science (human-computer interaction, signal processing, machine learning, and ubiquitous computing).
