1. Record Nr.	UNINA9910799213503321
Autore	Pareek Prakash
Titolo	Cognitive Computing and Cyber Physical Systems : 4th EAI International Conference, IC4S 2023, Bhimavaram, Andhra Pradesh, India, August 4-6, 2023, Proceedings, Part I / / edited by Prakash Pareek, Nishu Gupta, M. J. C. S. Reis
Pubbl/distr/stampa	Cham : , : Springer Nature Switzerland : , : Imprint : Springer, , 2024
ISBN	9783031488887
	3031488881
Edizione	[1st ed. 2024.]
Descrizione fisica	1 online resource (490 pages)
Collana	Lecture Notes of the Institute for Computer Sciences, Social Informatics and Telecommunications Engineering, , 1867-822X ; ; 536
Altri autori (Persone)	GuptaNishu
	ReisM. J. C. S
Disciplina	621.3821
	004.6
Soggetti	Computer networks
	Artificial intelligence
	Application software
	Computer systems
	Computers, Special purpose
	Computer Networks
	Artificial Intelligence
	Computer and Information Systems Applications
	Computer System Implementation
	Special Purpose and Application-Based Systems
Lingua di pubblicazione	Inglese
Formato	Materiale a stampa
Livello bibliografico	Monografia
Nota di contenuto	Machine Learning and Its Applications -- Schizophrenia Identification through Deep Learning on Spectrogram Images -- An Optimized Ensemble Machine Learning Framework for Multi-Class Classification of Date Fruits by Integrating Feature Selection Techniques -- Harmonizing Insights: Python-based Data Analysis of Spotify's Musical Tapestry -- Comparative Study of Predicting Stock Index Using Deep Learning Models -- Enhancing Heart Disease Prediction through a

Heterogeneous Ensemble DL Models -- IoT-based pesticide detection in fruits and vegetables using Hyperspectral Imaging and deep learning -- STATISTICAL ANALYSIS OF HEMATOLOGICAL PARAMETERS FOR PREDICTION OF SICKLE CELL DISEASE -- Optimized Route Planning and Precise Circle Detection in Unmanned Aerial Vehicle with Machine Learning -- DRL based multi-objective resource optimization technique in a multi-cloud environment -- Aspect Level Sentiment Analysis to extract valuable insight for Airline's customer Feedback and Reviews -- Drug Recommendations Using A Reviews And Sentiment Analysis By RNN -- Optimizing Real Estate Prediction - A Comparative Analysis of Ensemble and Regression Models -- ESTIMATION OF POWER CONSUMPTION PREDICTION OF ELECTRICITY USING MACHINE LEARNING -- Medical Plants Identification using Leaves Based on Convolutional Neural Networks -- An Efficient Real-time NIDS using Machine-learning methods -- Maixdock Based Driver Drowsiness Detection System Using CNN -- A Novel Approach to Visualize Arrhythmia Classification Using 1D CNN -- Exploring Machine Learning Models for Solar Energy Output Forecasting -- The survival analysis of mental fatigue utilizing the estimator of Kaplan-Meier and Nelson-Aalen -- Cyber Security and Signal Processing -- EEMS - EXAMINING THE ENVIRONMENT OF THE JOB METAVERSE SCHEDULING FOR DATA SECURITY -- Text Analysis Based Human Resource Productivity Profiling -- A novel technique for analyzing the sentiment of social media posts using deep learning techniques -- Comparative Analysis of Pretrained Models for Speech Enhancement in Noisy Environments -- Use of Generative Adversarial Network (GAN) under insufficient data -- Unraveling the Techniques for Speaker Diarization -- LUT-Based Area-Optimized Accurate Multiplier Design for signal processing applications -- Speaker Recognition using Convolutional Autoencoder in Mismatch Condition with Small Dataset in noisy background -- Face Emotion Recognition based on images using the Haar-Cascade front end approach -- TextRank-based Keyword Extraction for Constructing a Domain-Specific Dictionary -- Creating a Protected Virtual Learning Space: A Comprehensive Strategy for Security and User Experience in Online Education -- LIGHTWEIGHT CRYPTOGRAPHY MODEL FOR OVERHEAD AND DELAY REDUCTION IN THE NETWORK -- Modelling the Data Object Routing in Data Aware Networking -- Image Processing -- Glaucoma Stage Classification using Image empirical mode decomposition (IEMD) and Deep Learning from Fundus Images -- Implementation and Performance Evaluation of Asymmetrical Encryption scheme for Lossless Compressed Grayscale Images -- Optimization of Single Image Dehazing based on Stationary Wavelet Transform -- A Chest X-Ray Image Based Model for Classification and Detection of Diseases -- Enlighten GAN for super resolution images from survelillance car -- Brain Tumor Classification through MR Imaging: A Comparative Analysis -- An Efficient Denoising of Medical Images Through Convolutional Neural Network.

| Sommario/riassunto | This 2-volume set constitutes the post-conference proceedings of the 4th EAI International Conference on Cognitive Computing and Cyber Physical Systems, IC4S 2023, Bhimavaram, Andhra Pradesh, India, during August 4-6, 2023. The theme of IC4S 2023 was: cognitive approaches with machine learning and advanced communications. The 70 full papers were carefully reviewed and selected from 165 submissions. The papers are clustered in thematical issues as follows: machine learning and its applications; cyber security and signal processing; image processing; smart power systems; smart city eco-system and communications. |