

1. Record Nr.	UNINA9910983049603321
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Titolo	Artificial Intelligence: Towards Sustainable Intelligence : Second International Conference, AI4S 2024, Alcala de Henares, Spain, October 3–4, 2024, Proceedings // edited by Sanju Tiwari, Fernando Ortiz-Rodriguez, Miguel-Angel Sicilia, Tek Raj Chhetri
Pubbl/distr/stampa	Cham : , : Springer Nature Switzerland : , : Imprint : Springer, , 2025
ISBN	9783031813696 3031813693
Edizione	[1st ed. 2025.]
Descrizione fisica	1 online resource (326 pages)
Collana	Communications in Computer and Information Science, , 1865-0937 ; ; 2243
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Disciplina	006.3
Soggetti	Artificial intelligence Machine learning Database management Image processing - Digital techniques Computer vision Application software Artificial Intelligence Machine Learning Database Management System Computer Imaging, Vision, Pattern Recognition and Graphics Computer and Information Systems Applications Computer Vision
Lingua di pubblicazione	Inglese
Formato	Materiale a stampa
Livello bibliografico	Monografia
Nota di contenuto	-- Sustainability Performance through a Business Process Mining based Conceptual Framework Integrating GRI Metrics. -- KnowWhereGraph for Land Use Optimization: Achieving Sustainability and Efficiency. -- A Multiple Criteria - based customer Segmentation and Recommendation System for Rural Farmers. -- Enhancing Turkish Music Emotion

Prediction: A Comparative Analysis of Ten Machine Learning Techniques. -- Integrating Deep Learning and Imaging Techniques for High-Precision Brain Tumor Analysis. -- Static Video Summarization using Transfer Learning and Clustering. -- Stress-Wed: Stress recognition autoencoder using Wearables Data. -- Optimizing Agricultural Practices through Integrated IoT and ML Solutions. -- AI in Building Systems for Perpetual Monitoring and Control of ESG Practices. -- Attention-based Deep Learning for Hand Gesture Recognition using Multi-sensor Data. -- Climate risk management for aquaculture industry: Robust programming approach vs Random forest algorithm. -- ATF-rPPG: Enhancing Robust Heart Rate Estimation from Face Videos with Attention. -- Enhancing User Control: A Reinforcement Learning Framework for Breaking Filter Bubbles in Recommender Systems. -- Pre-Examination and Classification of Brain Tumor Dataset Using Machine Learning. -- Supplier selection for agriculture industry under uncertainty: Machine learning based sample average approximation method. -- Enhancing Cyclone Preparedness: Deep Learning Methods with INSAT-3D Satellite Imagery. -- Machine Learning Detection of Depression Indicators in Online Communication. -- Cognitive Computing in Cyber Physical Systems - A Paradigm Shift in Anomaly Detection Strategies.

Sommario/riassunto

This book constitutes the proceedings of the Second International Conference on Artificial Intelligence: Towards Sustainable Intelligence, AI4S 2024, held in Alcalá de Henares, Spain, during October 3-4, 2024. The 16 full papers and 2 short papers included in this book were carefully reviewed and selected from 59 submissions. They deal with trustworthy AI and related topics, focusing on software and its engineering; software development process management and methods, etc. .
