1. Record Nr. UNINA9910983339703321

Autore	Mirzazadeh A
Titolo	Optimization and Data Science in Industrial Engineering : First International Conference, ODSIE 2023, Istanbul, Turkey, November 16–17, 2023, Proceedings, Part I / / edited by A. Mirzazadeh, Zohreh Molamohamadi, Efran Babaee Tirkolaee, Gerhard-Wilhelm Weber, Janny Leung
Pubbl/distr/stampa	Cham : , : Springer Nature Switzerland : , : Imprint : Springer, , 2025
ISBN	9783031814556 303181455X
Edizione	[1st ed. 2025.]
Descrizione fisica	1 online resource (497 pages)
Collana	Communications in Computer and Information Science, , 1865-0937 ; ; 2204
Altri autori (Persone)	MolamohamadiZohreh Babaee TirkolaeeEfran WeberGerhard-Wilhelm LeungJanny
Disciplina	006.3
Soggetti	Artificial intelligence Machine learning Database management Artificial intelligence - Data processing Internet of things Artificial Intelligence Machine Learning Database Management System Data Science Internet of Things
Lingua di pubblicazione	Inglese
Formato	Materiale a stampa
Livello bibliografico	Monografia
Nota di contenuto	-- Smart and Intelligent Transportation Systems. -- Optimizing Traffic Flow: A Multi-Agent Approach to Dynamic Signal Control Accounting for Vehicle Types. -- Estimating Parking Lot Occupancy Based on Traffic Congestion for Route Planning. -- A Framework for Simulating the Optimal Allocation of Shared E-Scooters. -- Performance

Enhancement of Two-Way DF Relayed Cooperative NOMA Vehicular Network with Outdated CSI and Imperfect SIC. -- Machine/Deep/Reinforcement Learning in Industries. -- Integration of Artificial Intelligence for the Analysis and Monitoring of Projects within Companies. -- Multi-Criteria Inventory Classification with Machine Learning Algorithms in the Manufacturing Industry. -- Analyzing Results of Business Process Automation with Machine Learning Methods. -- Predictive Analysis of Surface Defects in Engineering Structures Using Machine Learning Technologies. -- Enhancing Autonomous Industrial Navigation: Deep Reinforcement Learning for Obstacle Avoidance in Challenging Environments. -- Fast and Accurate Right-Hand Detection Based on YOLOv8 from the Egocentric Vision Dataset. -- Comparative Study of 3D Hand Pose Estimation on HOI4D Dataset by Convolutional Neural Networks. -- Prediction of Ethereum Prices Based on Blockchain Information in an Industrial Finance System using Machine Learning Techniques. -- Email Classification of Text Data Using Machine Learning and Natural Language Processing Technique. -- The Fake News Detection Model Explanation and Infrastructure Aspects. -- Advances of Artificial Intelligence/Operational Research Tools in Healthcare. -- An Advanced Approach to COVID-19 Detection using Deep Learning and X-ray Imaging. -- Exploring Factors that Affect the User Intention to Take Covid Vaccine Dose. -- Unsupervised Incremental-Decremental Attribute Learning Healthcare Application based Feature Selection. -- On Solving the Physicians Scheduling Problem at an Emergency Department: A Case Study from Canada. -- Temporal Emotional and Thematic Progression (TETP): A Novel Analysis of Mental Health Discussions on Social Platforms.

Sommario/riassunto

This two-volume set CCIS 2204 and 2205 constitutes the refereed proceedings of the First International Conference on Optimization and Data Science in Industrial Engineering, ODSIE 2023, held in Istanbul, Turkey, during November 16–17, 2023. The 33 full papers and 2 short papers presented in these proceedings were carefully reviewed and selected from 311 submissions. The papers were organized in the following topical sections: Part I: smart and intelligent transportation systems; machine/deep/reinforcement learning in industries; and advances of artificial intelligence/operational research tools in healthcare. Part II: technology, learning and analytics in intelligent systems; expert systems, decision analysis, and advanced optimization; digital transformation of supply chain and logistics systems.