

1. Record Nr.	UNINA9910838282603321
Autore	Gunjan Vinit Kumar
Titolo	Computational Intelligence in Machine Learning : Proceedings of the 2nd International Conference ICCIML 2022 / / edited by Vinit Kumar Gunjan, Amit Kumar, Jacek M. Zurada, Sri Niwas Singh
Pubbl/distr/stampa	Singapore : , : Springer Nature Singapore : , : Imprint : Springer, , 2024
ISBN	9789819979547 9819979544
Edizione	[1st ed. 2024.]
Descrizione fisica	1 online resource (686 pages)
Collana	Lecture Notes in Electrical Engineering, , 1876-1119 ; ; 1106
Altri autori (Persone)	KumarAmit ZuradaJacek M SinghS. N (Sri Niwas)
Disciplina	006.3
Soggetti	Computational intelligence Machine learning Artificial intelligence - Data processing Artificial intelligence Computational Intelligence Machine Learning Data Science Artificial Intelligence
Lingua di pubblicazione	Inglese
Formato	Materiale a stampa
Livello bibliografico	Monografia
Nota di contenuto	Machine Learning-based Project Resource Allocation Fitment Analysis System – (ML-PRAFS) -- Electric Theft Detection using Un-supervised Machine Learning Based Matrix Profile and K Means Clustering Technique -- Placement Analysis – A New Approach to Ease the Recruitment Process -- Continuous Assessment Analyzer using Django -- Fuzzy Logic in Battery Energy Storage System (Bess) -- Fault Classification of Cooling Fans using a CNN-based Approach -- Violence Recognition using Convolutional Neural Networks -- Automated Grading of Citrus Suhuiensis Fruit using Deep Learning Method -- The Future of Car Automation Field with Smart Driverless Technologies -- Diagnosis and Medicine Prediction for Covid-19 using

Machine Learning Approach -- Automated Guided Vehicle Robot Localization with Sensor Fusion -- Implementation of Industrial Automation Water Distribution System Utilizing PLC: A Laboratory Set-up -- Control of Thin McKibben Muscles in an Antagonistic Pair Configuration -- Defect Severity Classification of Complex Composites using CWT and CNN -- Detection of Mobile Phone Usage While Driving using Computer Vision and Deep Learning -- Industry Revolution 4.0 Knowledge Assessment in Malaysia.

---

Sommario/riassunto

This volume comprises select proceedings of the International Conference on Computational Intelligence in Machine Learning (ICCIML 2022). The contents cover latest research trends and developments in the areas of machine learning, smart cities, IoT, Artificial Intelligence, cyber physical systems, cybernetics, data science, neural network, cognition, among others. It also addresses the comprehensive nature of computational intelligence, AI, ML and DL to emphasize its character in modelling, identification, optimization, prediction, forecasting, and control of future intelligent systems. This volume will be a useful guide to those working as researchers in academia and industry by presenting in-depth fundamental research contributions from a methodological/application perspective in understanding Artificial intelligence and machine learning approaches and their capabilities in solving diverse range of problems in industries and its real-world applications.

---