

1. Record Nr.	UNINA9910897974403321
Autore	Bansal Jagdish Chand
Titolo	Computing and Machine Learning : Proceedings of CML 2024, Volume 1 // edited by Jagdish Chand Bansal, Samarjeet Borah, Shahid Hussain, Said Salhi
Pubbl/distr/stampa	Singapore : , : Springer Nature Singapore : , : Imprint : Springer, , 2024
ISBN	9789819765881 9819765889
Edizione	[1st ed. 2024.]
Descrizione fisica	1 online resource (510 pages)
Collana	Lecture Notes in Networks and Systems, , 2367-3389 ; ; 1108
Altri autori (Persone)	BorahSamarjeet HussainShahid SalhiSaid
Disciplina	006.31
Soggetti	Computational intelligence Artificial intelligence Image processing - Digital techniques Computer vision Natural language processing (Computer science) Computational Intelligence Artificial Intelligence Computer Imaging, Vision, Pattern Recognition and Graphics Natural Language Processing (NLP)
Lingua di pubblicazione	Inglese
Formato	Materiale a stampa
Livello bibliografico	Monografia
Nota di contenuto	Secure Private Data Storage and File Sharing Using Homomorphic and Hybrid Hash-Based Cryptographic Technique in Cloud -- Revolutionizing Healthcare: The Impact of Artificial Intelligence in Connected Medicine – Unleashing the Power of Real-time Diagnostics, Personalized Treatment and Ethical AI Adoption -- ViTaL: An Advanced Framework for Automated Plant Disease Identification in Leaf Images Using Vision Transformers and Linear Projection for Feature Reduction -- Enhancing Path Planning with Obstacles via a Combined Dijkstra-LbCS Methodology -- Revitalising Volunteerism: The Transformative Influence of Artificial Intelligence in Volunteer Management --

Optimizing The U-Net Model For Segmenting The Lung Opacity Regions InChest Radiographs -- Intelligent Surveillance Camera System Based on Object Tracking -- Data-Efficient Training for Effective Paraphrase Retrieval Techniques Using Language Models to Identify Research Gaps -- Enhancing IoT Anomaly Detection with DBSCAN - A Data-Driven Approach -- Enhancing Efficiency and Functionality of Voice-Controlled Cars through NLP Techniques and Additional Features -- Ensembling of Performance Metrics in Credit Risk Assessment Using Machine Learning Analytics -- GUARDING THE GATE: Innovative Solutions for Third-Party App Vulnerabilities -- Prediction of Compressive Strength of Geopolymer Concrete via Machine Learning Techniques -- Personalized Stress Mitigation through EEG Based Stress Classification and Music Recommendation.

---

#### Sommario/riassunto

This book features high-quality research papers presented at the International Conference on Computing and Machine Learning (CML 2024), organized by the Department of Computer Applications, Sikkim Manipal Institute of Technology, Sikkim Manipal University, Sikkim, India during April 29–30, 2024. The book presents diverse range of topics, including machine learning algorithms and models, deep learning and neural networks, computer vision and image processing, natural language processing, robotics and automation, reinforcement learning, big data analytics, cloud computing, Internet of things, human–robot interaction, ethical and social implications of AI, applications in healthcare, finance, and industry, computer modeling, quantum computing, high-performance computing, cognitive and parallel computing, cloud computing, distributed computing, embedded computing, human-centered computing, and mobile computing.

---