1.

Record Nr.	UNINA9910814832003321
Titolo	Robotics and automation in the food industry : current and future technologies / / edited by Darwin G. Caldwell
Pubbl/distr/stampa	Cambridge, UK : , : Woodhead Publishing Limited, , 2013
ISBN	0-85709-576-5
Edizione	[1st edition]
Descrizione fisica	1 online resource (527 p.)
Collana	Woodhead Publishing series in food science, technology and nutrition, , 2042-8049 ; ; number 236
Altri autori (Persone)	CaldwellD. G (Darwin G.)
Disciplina	664.00284
Soggetti	Food processing machinery - Automatic control Food industry and trade - Automation Food industry and trade - Technological innovations Robotics - Industrial applications Robotics
Lingua di pubblicazione	Inglese
Formato	Materiale a stampa
Livello bibliografico	Monografia
Note generali	Description based upon print version of record.
Nota di bibliografia	Includes bibliographical references and index.
Nota di contenuto	part I. Introduction, key technologies and significant areas of development -- part II. Robotics and automation in particular unit operations and industry sectors.
Sommario/riassunto	The implementation of robotics and automation in the food sector offers great potential for improved safety, quality and profitability by optimising process monitoring and control. Robotics and automation in the food industry provides a comprehensive overview of current and emerging technologies and their applications in different industry sectors.Part one introduces key technologies and significant areas of development, including automatic process control and robotics in the food industry, sensors for automated quality and safety control, and the development of machine vision systems.

2.	Record Nr.	UNINA9910886100703321
	Autore	Owoc Mieczysaw Lech
	Titolo	Computational Intelligence in Data Science : 7th IFIP TC 12 International Conference, ICCIDS 2024, Chennai, India, February 21–23, 2024, Revised Selected Papers, Part I / / edited by Mieczyslaw Lech Owoc, Felix Enigo Varghese Sicily, Kanchana Rajaram, Prabavathy Balasundaram
	Pubbl/distr/stampa	Cham : , : Springer Nature Switzerland : , : Imprint : Springer, , 2024
	ISBN	9783031699825
		3031699823
	Edizione	[1st ed. 2024.]
	Descrizione fisica	1 online resource (482 pages)
	Collana	IFIP Advances in Information and Communication Technology, , 1868-422X ; ; 717
	Altri autori (Persone)	Varghese SicilyFelix Enigo
		RajaramKanchana
		BalasundaramPrabavathy
	Disciplina	006.312
	Soggetti	Data mining
		Application software
		Artificial intelligence
		Image processing - Digital techniques
		Computer vision
		Computers
		Data Mining and Knowledge Discovery
		Computer and Information Systems Applications
		Artificial Intelligence
		Computer Imaging, Vision, Pattern Recognition and Graphics
		Computing Milieux
	Lingua di pubblicazione	Inglese
	Formato	Materiale a stampa
	Livello bibliografico	Monografia
	Nota di contenuto	-- Applications of AI/ML in Natural Language Processing. -- Analyzing the Computational Efficiency of LLM Models for NLP Tweet classification during emergency crisis. -- Drug Sentiment Analysis: A Comprehensive Study using Regression Models and Natural Language Processing. -- Chatbot In Banking Sector Using Machine Learning and

Natural Language Processing. -- Lecter - A Large Language Model Chatbot for Cognitive Behavioral Therapy. -- Evaluating the Language Translation Accuracy of GPT 3.5 using Prompt Engineering. -- Multi-Camera Enhanced Real-Time Content- Aware Vehicle Detection. -- COOL: Classification of Online Offensive Language using Machine Learning and Deep Learning. -- Improved Evaluator for Subjective Answers Using Natural Language Processing. -- Self-Harm Detection from Texts: A Comparative Study Utilizing BERT, Machine Learning, and Deep Learning Approaches. -- Neuro-evolution based Language Model for Text Generation. -- Official Language Detection on Telugu Language. -- User story Based Automated Test Case Generation using NLP. -- Anticipating Future College Admission Cutoffs: An Innovative Predictive Model Incorporating Student Reviews and Historical Admissions Cutoff Data using Machine Learning. -- Sentiment Analysis for Stock Prediction Using Mass Media Sources. -- Applications of AI/ML in Image Processing. -- CADFRA: Coronary Artery Disease Feature Reduction with Autoencoder for Optimistic and Effective Classification of Cardiac Diseases. -- Machine Learning Based Alzheimer's Disease Detection: A Comprehensive Approach. -- Supervised Learning of Procedures from Tutorial Videos. -- Noise removal of Low Dose CT Liver Images Using Improved Discrete Wavelet Transform. -- A - Eye Tracker: Human Eye Defect Tracking and Analyzing Software. -- Design and Analysis of Structural Health Monitoring System for the Diagnosis of Morphological Deformities of Bolted Structures. -- Empowering Medical Image Analysis: Unveiling Anomalies through GANs and BiGANs Models. -- Pneumonia Detection using Chest X-rays: A comprehensive Review. -- Realistic Avatar Control through Video-Driven Animation for Augmented Reality. -- CNN-based Skin Lesion Classification for Melanoma Detection. -- Self-annotated Labelling and Training Data for Traffic Video Object Detection using Machine Learning Techniques. -- A Comparative Analysis on various Machine learning Methods for GAN Based Video Anomaly Detection. -- D3CNet: Integrating Cascade Networks for Enhanced Driver Fatigue Monitoring. -- Automated Indigenous Plant Recognition and Medicinal Value Extraction System. -- An Ensemble of Deep Transfer Learning Frameworks for Automatic Tuberculosis Detection in Chest X-Ray Images. -- SVM-Based Skin Cancer Diagnosis for Malignant and Benign Tumor Distinction. -- Driver's Distraction Detection via Hybrid CNN-LSTM. -- Leaf Disease Detection using ResNet Deep Neural Network. -- An Exploration of Object Detection and Vehicular Communication for Autonomous Vehicles. -- Music Recommendation System based on Facial Expression using CNN.

| Sommario/riassunto | These two-volume set IFIP AICT 717 and 718 constitutes the refereed post-conference proceedings of the 7th International Conference on Computational Intelligence in Data Science, ICCIDS 2024, held in Chennai, India, during February 21–23, 2024. The 63 full papers and 9 short papers presented in these proceedings were carefully reviewed and selected from 259 submissions. The conference papers are organized in following topical sections: Part I: Applications of AI/ML in Natural Language Processing; and Applications of AI/ML in Image Processing. Part II: Applications of AI/ML in KDM, Cloud Computing & Security; Data Analytics; and Applications of ML. |

3.	Record Nr.	UNINA9910144041903321
	Titolo	Journal of occupational rehabilitation
	Pubbl/distr/stampa	New York, N.Y., : Kluwer Academic/Plenum Publishers [New York], : Springer US
	ISSN	1573-3688
	Disciplina	616.9803
	Soggetti	Occupational diseases - Patients - Rehabilitation Occupational diseases Accidents, Occupational Occupational Diseases Occupational Health Rehabilitation Maladies professionnelles - Patients - Readaptation Travail - Accidents Maladies professionnelles Readaptation Malalties professionals Rehabilitació mèdica Accidents de treball Higiene industrial Periodical periodicals. Periodicals. Periodiques. Revistes electròniques.
	Lingua di pubblicazione	Inglese
	Formato	Materiale a stampa
	Livello bibliografico	Periodico
	Note generali	Refereed/Peer-reviewed