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Altri autori (Persone)	Ortiz-RodríguezFernando TiwariSanju SiarryPatrick
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Soggetti	Artificial intelligence Application software Image processing - Digital techniques Computer vision Database management Artificial Intelligence Computer and Information Systems Applications Computer Imaging, Vision, Pattern Recognition and Graphics Database Management Aprendentatge automàtic Mineria de dades Dades massives Congressos Llibres electrònics
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problems: An empirical assessment -- Securing Advanced Metering Infrastructure using Blockchain for Effective Energy Trading -- Keratoconus Classification using Feature Selection and Machine Learning Approach -- Semantic Segmentation of The Lung to Examine the Effect of COVID-19 using UNET Model -- SMDKGG: A Socially Aware Meta Data Driven Knowledge Graph Generation for Disaster Tweets -- Brain MRI Image Classification using Deep Learning -- A Real Time Face Recognition Attendance using Machine Learning -- Towards abalone differentiation through machine learning -- Better Qualitative Searching for Effecting the Performance of Machine Translation -- RU-Net: A Novel Approach for Gastro-Intestinal Tract Image Segmentation using Convolutional Neural Network -- A credit card fraud detection model using machine learning methods with a hybrid of undersampling and oversampling for handling imbalanced datasets for high scores -- Implementation of YOLOv7 Model for Pest Detection -- Online Grocery Shopping: - Key Factors to Understand Shopping Behavior from Data Analytics Perspective -- A novel approach: Semantic web enabled subject searching for Union Catalogue -- How People in South America is Facing Monkeypox Outbreak? -- Multi-level Classification of Satellite Images using Pre-trained AlexNet Architecture -- Handwriting Recognition for Predicting Gender and Handedness using Deep Learning -- Handwriting Recognition for Predicting Gender and Handedness using Deep Learning -- Performance evaluation of Smart Flower Optimization Algorithm over Industrial Non-Convex Constrained Optimization Problems.

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#### Sommario/riassunto

This book constitutes the refereed proceedings of the 5th International Conference on Applied Machine Learning and Data Analytics, AMLDA 2022, held in Reynosa, Tamaulipas, Mexico, during December 22–23, 2022. The 16 full papers and 4 short papers included in this book were carefully reviewed and selected from 89 submissions. They were organized in topical sections as follows: Machine learning, Healthcare and medical imaging informatics; biometrics; forensics; precision agriculture; risk management; robotics and satellite imaging.

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