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   Nota di contenuto   Machine Learning -- A machine learning study about the vulnerability
                        level of poverty in Perú -- Predicting academic performance in
                        mathematics using machine learning algorithms -- Analysis of
                        classification algorithms for the prediction of purchase intention in
                        electronic commerce -- Knowledge based systems -- Alignment
                        techniques in Domain-specific models -- IVRMaker, an Interactive and
                        Customizable telephone Chatbot services platform -- Digital
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Computer vision and Image analysis -- Texture and Color-Based Analysis to Determine the Quality of the Manila Mango using Digital Image Processing Techniques -- Detection of motorcyclists without a safety helmet through YOLO: support for road safety -- Computer Vision-Based Ovitrap for Dengue Control -- Networks, monitoring and collaborative systems -- Performance analysis of Multipath TCP congestion control variants -- Data stream processing method for clustering of trajectories -- Low-Cost Energy Consumption Monitoring System using NodeMCU -- Trend of the use and investment of Blockchain technology in the banking sector in Ecuador -- Effectiveness of monitoring indicators in the architecture of a collaborative system -- IoT monitoring for real-time control of industrial processes -- Metric identification evaluating security information: A Systematic Literature Review -- Apps and user interfaces -- Evaluation of User Interface (UI) and User Experience (UX) for web services of a weather data monitoring platform -- Comparison of Free Android Mobile 3D Modeling Tools for AR Apps -- A Web App for Teaching Specialized English Vocabulary – Case of Study: Computer Sciences.

| Sommario/riassunto | This book constitutes the refereed proceedings of the 8th International Conference, CITI 2022, held in Guayaquil, Ecuador, during November 14–17, 2022. The 19 full papers included in this book were carefully reviewed and selected from 48 submissions. They were organized in topical sections as follows: machine Learning; knowledge based systems; computer vision and image analysis; networks, monitoring and collaborative systems; apps and user interfaces. |