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Nota di contenuto	Pre-diagnosis, Prediction and Report Generation of a Disease -- An Audio Aided Face and Text Recognition System for Visually Impaired -- Improving Prediction Accuracy using Machine Learning Classification Techniques for Alzheimer's Disease in Healthcare Services -- Evolutionary Computing based Feature Selection for Cardiovascular Disease: A Review -- Readiness and Maturity Assessment Model to Measure the Industry 4.0 Ecosystem -- An Insight on Context-aware Mobile Application Execution in Mobile Cloud IoT (MCIoT) -- Breast Cancer Detection in Histology Images using Convolutional Neural Network -- A Novel Approach on Auto Scaling for Resource Scheduling using AWS -- A Blockchain-based COVID19 Protection Framework -- A State-Of-Art of Machine Learning Algorithms Applied Over Language Identification and Speech Recognition Models.
Sommario/riassunto	This book presents the proceedings of the International Virtual Conference on Industry 4.0 (IVCI4.0 2020). This conference brings together specialists from the academia and industry sectors to promote the exchange of knowledge, ideas, and information on the latest developments and applied technologies in the field of Industry 4.0. The book discusses a wide range of topics such as the design of smart and intelligent products, developments in recent technologies, rapid prototyping and reverse engineering, multistage manufacturing processes, manufacturing automation in the Industry 4.0 model, cloud-based products, and cyber-physical and reconfigurable systems, etc.

The volume supports the transfer of vital knowledge to the next generation of academics and practitioners.
