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   Nota di contenuto   Machine Learning (ML), Deep Learning (DL), Internet of Things (IoT) -- A Scalable Data Pipeline for Realtime Geofencing using Apache Pulsar -- Crop Recommendation by Analysing the Soil Nutrients using Machine Learning Techniques: A Study -- Predict Customer churn in Banking based on Data Mining Techniques -- Early Prediction of Diabetes Disease Based on Data Mining Techniques -- An application driven IoT based rooftop farming model for Urban Agriculture -- Enhanced Ant Colony Optimization Algorithm for Optimizing Load balancing in Cloud Computing Platform -- Captioning of Image Conceptually using BI-LSTM technique -- Analysis of Land Cover type using Landsat-8 data -- Rule Based Combined Tagger for Marathi Text -- Evaluating candidate Answers based on derivative lexical similarity and space padding for the Arabic language -- Ontology Model for Spatio-Temporal Contexts in Smart Home Environments -- Automatic Detection of Building in Medium Density Image Using Morphological

Operation -- A Liver Segmentation Algorithm with Interactive Error Correction for Abdominal CT Images: A Preliminary Study -- Pixel based Adversarial Attacks on Convolutional Neural Networks Models -- Continual Learning for Classification Problems: A Survey -- Detection of Flooded Regions from Satellite Images using Modified UNET -- Blockchain -- Blockchain based end-to-end tracking system for COVID patients -- Decentralized Application using Ethereum Blockchain on Performance Analysis considering E-voting system -- Enhanced Privacy Protection in Blockchain using SGX and Sidechains -- A Comparative Analysis of Blockchain Platform: Issues and Recommendations-Certificate Verification System.

| Sommario/riassunto | This book constitutes the refereed post-conference proceedings of the Fourth IFIP TC 12 International Conference on Computational Intelligence in Data Science, ICCIDS 2021, held in Chennai, India, in March 2021. The 20 revised full papers presented were carefully reviewed and selected from 75 submissions. The papers cover topics such as computational intelligence for text analysis; computational intelligence for image and video analysis; blockchain and data science. |