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Nota di contenuto	Digital Transformation for Sustainable Development Goals (SDGs) - a Security, Safety and Privacy Perspective on AI -- When in Doubt, Ask: Generating Answerable and Unanswerable Questions, Unsupervised -- Self-Propagating Malware Containment via Reinforcement Learning -- Text2PyCode : Machine Translation of Natural Language Intent to Python Source Code -- Automated Short Answer Grading using Deep Learning : A Survey -- Fair and Adequate Explanations -- Mining Causal Hypotheses in Categorical Time Series by Iterating on Binary Correlations -- Active Finite Reward Automaton Inference and Reinforcement Learning Using Queries and Counterexamples -- Rice seed image-to-image translation using Generative Adversarial Networks to improve weedy rice image classification -- Reliable AI

through SVDD and rule extraction -- Airbnb Price Prediction Using Machine Learning and Sentiment Analysis -- Towards Financial Sentiment Analysis in a South African Landscape -- Decisions are not all equal. Introducing a utility metric based on the case-wise raters' perceptions -- Deep Convolutional Neural Network(CNN) design for pathology detection of COVID-19 in chest X-Ray Images -- Anomaly detection for skin lesion images using replicator neural networks -- On the overlap between Grad-CAM saliency maps and explainable visual features in skin cancer images -- From Explainable to Reliable Artificial Intelligence -- Explanatory Pluralism in Explainable AI -- On the Trustworthiness of Tree Ensemble Explainability Methods -- Human-in-the-loop model explanation via verbatim boundary identification in generated neighborhoods -- MAIRE - A Model-Agnostic Interpretable Rule Extraction Procedure for Explaining Classifiers -- Transparent Ensembles for Covid-19 Prognosis.

Sommario/riassunto

This book constitutes the refereed proceedings of the 5th IFIP TC 5, TC 12, WG 8.4, WG 8.9, WG 12.9 International Cross-Domain Conference, CD-MAKE 2021, held in virtually in August 2021. The 20 full papers and 2 short papers presented were carefully reviewed and selected from 48 submissions. The cross-domain integration and appraisal of different fields provides an atmosphere to foster different perspectives and opinions; it will offer a platform for novel ideas and a fresh look on the methodologies to put these ideas into business for the benefit of humanity.
