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Altri autori (Persone)	Rosenthal-SabrouxCamille GargouriFaiez ChakharSalem WilliamsNigel HaigElla
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Nota di contenuto	Decision Making, Recommender Systems, and Information Support Systems -- Models-simulators in business decision-making processes for pharmaceutical enterprises -- Decision and Information Support

System to implement the Framework of Twelve steps for building decision models -- Graph Representation Learning for Recommendation Systems: A short review -- FITradeoff Decision Support System applied to solve a Supplier Selection Problem -- A Step-by-Step Decision Process to Support Application Migration to the Cloud-Native Architecture -- Information Systems and Machine Learning -- ACTIVE SMOTE for Imbalanced Medical Data Classification -- Evolutionary Graph-Clustering vs Evolutionary Cluster-Detection Approaches for Community Identification in PPI Networks -- Predictive monitoring of business process execution delays -- An accurate Random Forest-based Action Recognition Technique using only velocity and landmarks' distances -- Efficient topic Detection using an Adaptive Neural Network architecture -- Exploiting Machine Learning Technique for attack detection in Intrusion Detection System (IDS) based on Protocol -- Robust Aggregation Function in Federated Learning -- Knowledge Management, Context and Ontology -- Should I Share or Should I Go? A Study of Tacit Knowledge Sharing Behaviors in Extended Enterprises -- Designing a User Contextual Profile Ontology: A Focus on the Vehicle Sales Domain -- Management of Implicit Ontology Changes Generated by Non-conservative JSON Instance Updates in the JOWL Environment -- A Model Driven Architecture approach for implementing sensitive business processes -- Extension of the functional dimension of BPMN based on MDA approach for sensitive business processes execution -- Inclusive Mobile Health System for Yoruba Race in Nigeria -- Cybersecurity and Intelligent Systems -- Epistemology for Cyber Security: A Controlled Natural Language Approach -- Application of fuzzy decision support systems in IT industry functioning -- Moving towards explainable AI using Fuzzy Networks in decision making process -- Natural Language Processing for Decision Systems -- Sentiment Analysis: Effect of Combining BERT as an Embedding Technique with CNN Model for Tunisian Dialect -- An Enhanced Machine Learning-Based Analysis of Teaching and Learning Process for Higher Education System -- Topic Modelling of Legal Texts using bidirectional encoder representations from Sentence Transformers.

Sommario/riassunto

This book constitutes the refereed proceedings of the 6th International Conference on Information and Knowledge Systems, ICIKS 2023, held in Portsmouth, UK, during June 22–23, 2023. The 18 full papers and 6 short papers included in this book were carefully reviewed and selected from 58 submissions. They were organized in topical sections as follows: Decision Making, Recommender Systems, and Information Support Systems; Information Systems and Machine Learning; Knowledge Management, Context and Ontology; Cybersecurity and Intelligent Systems; and Natural Language Processing for Decision Systems.
