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| Nota di contenuto | Applied Business Informatics -- User Interaction Mining: Discovering the Gap Between the Conceptual Model of a Geospatial Search Engine and Its Corresponding User Mental Model -- Towards Agile Requirements Engineering in Maritime Freight Transportation -- Managing Variability of Large Public Administration Event Log Collections: Dealing with Concept Drift -- Towards Healthcare Digital Twin Architecture -- Digital Store Window: A Promising Approach for Stationary Retailer in Germany -- ICT Governance and Management -- Enriching enterprise architecture stakeholder analysis with Relationships -- Developing Digital Competencies in Small and Medium-sized Enterprises through Microlearning Applications: Semi-Systematic Literature Review and Research Outline -- Exploring Smart Meters: What we Know and What we Need to Know -- AOAME4UserStories with the User Story Modelling & Notation (USMN) -- AI Applications and Use Cases in Business -- Morphological Box for AI Solutions: Evaluation & Refinement with a Taxonomy Development Method -- Explainable AI for the Olive Oil Industry -- A Flexible, Extendable and Adaptable Model to Support AI Coaching -- Predicting Patterns of Firms' Vulnerability to Economic Crises Using Open Data, Synthetic Minority Oversampling Technique (SMOTE) and Machine |

Learning -- Business and IS Development -- Improving IT, Security and Privacy Using Fractal Enterprise Modeling: A Case of a Financial Institution -- Model-based Digital Business Ecosystems: a Method Design -- A Model-driven Approach to Decision Support for Designing Inclusive Services -- Validating Enterprise Architecture Principles using Derivation Rules and Domain Knowledge -- Towards a framework for intelligent Cyber-Physical Systems (iCPS) design -- Extending Conceptual Model with Object Life Cycles -- New Trends in Data Governance -- Analyzing Open Government High Value Datasets: Availability, Publishers' Contribution and Technical Specifications -- Open Government Data (OGD) in educational programs curriculum: Current State and Prospects -- Value Creation from Data Science Applications — A Literature Review -- Knowledge Visualization towards Digital Literacy Development: Critical Success Factors.

Sommario/riassunto

This book constitutes the proceedings of the 22nd International Conference on Perspectives in Business Informatics Research, BIR 2023, which took place in Ascoli Piceno, Italy, in September 2023. The 20 full and 4 short papers included in these proceedings were carefully reviewed and selected from 57 submissions. They cover different aspects of the discipline and are organized in sections on applied business informatics, ICT governance and management, AI applications and use cases in business, business and IS development, and new trends in data governance.
