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Nota di contenuto	-- AI-Enabled Systems. -- Arabic Mispronunciation Detection for Children in Noisy Environments via Vision Transformers. -- BaitBlock: Hybrid AI-Approach for Phishing Detection Across Communication Platforms. -- Stacked Generalization for Overlapping Asymmetric Datasets. -- Security and Privacy. -- Reusable Formal Model Libraries for Specifying and Analyzing Security Objectives in Event-B. -- Towards Specification and Analysis of Dependable Cyber-Physical Systems. -- The Use of Domain Specific Language for Critical Infrastructures Cyber Security Modeling: Literature Review. -- A Tool-supported Methodology for Creating Security Cases Using Argument Patterns. -- Query Processing. -- In-Memory Spatial-Keyword Indexing and Querying: An Experimental Evaluation. -- Critical Role of

Data Transformation in Preprocessing: Methods, Algorithms, and Challenges. -- Prediction. -- Forecasting Patient Arrivals in Emergency Departments Using Time Series Prediction Models: A Research at a Tunisian Emergency Department. -- AI-Enhanced Urban Crime Prediction: Exploring the Impact of Integrating Digital Behaviour and Economic Data. -- Application of Artificial Intelligence in Minimizing Voltage Deviation using Neural Network Predictive Controller. -- Conceptual issues. -- Multilevel Hypergraph Databases Conceptual Modelling - Approaching CRUD Operations. -- A GNN-based framework for Ontology Matching. -- A New Measurement Method for Sizing the Behavioural of BPMN Models. -- Applications. -- A Multi-Label Classification Framework for Socioeconomic Insights Using Mobile Traffic and POI Data. -- Comparative Analysis of Multivariate Time Series Forecasting Methods for Modeling Plastic Extruder Behavior. -- Transferring Practitioners' Learning Experiences to Preserve and Promote Equine Knowledge Heritage.

| Sommario/riassunto | This book constitutes the refereed proceedings of the 13th International Conference on Model and Data Engineering, MEDI 2024, held in Naples, Italy, during November 18–20, 2024. The 7 full papers and 11 short papers were carefully peer reviewed and selected from 45 submissions. They were organized in topical sections as follows: AI-Enabled Systems; Security and Privacy; Query Processing; Prediction; Conceptual Issues; and Applications. |