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Nota di contenuto	Business Data and Applications: How Domain Engineering Can Help to Raise Adoption Rates of Artificial Intelligence in Healthcare -- Enhancing AI Adoption in Healthcare: A Data Strategy for Improved Heart Disease Prediction Accuracy through Deep Learning Techniques -- WISHFUL - Website Extraction of Institutional Sources with Heterogeneous Factors and User-driven Linkage -- DISA - A Blockchain-Based Distributed Information Security Audit -- Analysing Online Review by Bank Employees: A Predictive Analytics Approach -- Optimizing Visit Booking at CERN: A Drools-Based Approach -- A Label Aggregation Method using Worker Quality in Crowdsourcing -- ImputAnom: Anomaly Detection Framework using Imputation Methods for Univariate Time Series -- Smart Cities as Hubs: navigating the Smart City data providers landscape -- Revolutionizing Real Estate: A Blockchain, NFT, and IPFS Multi-Platform Approach -- Data Management: Towards a Unified Symbolic AI Framework for Mining

High Utility Itemsets -- RDF Data Partitioning for Efficient SPARQL Query Processing with Spark SQL -- A Comparative Evaluation of Additive Separability Tests for Physics-Informed Machine Learning.- Data integration in a multi-model environment -- Character Entity Recognition using Hybrid Binary-Particle Swarm Optimization and Conditional Random Field on Balinese Folklore Text -- Observing the patterns of correlation while drill-down -- Deep and Machine Learning: Unsupervised Clustering and Explainable AI for Unveiling Behavioral Variations Across Time in Home-appliance Generated Data -- A Deep Learning-Based Technique to Determine Various Stages of Alzheimer's Disease From 3D Brain MRI Images -- Churn Prediction in Enterprises with High Customer Turnover -- Data Fusion Performance Prophecy: A Random Forest Revelation -- Celestial Machine Learning: Discovering the Planarity, Heliocentricity, and Orbital Equation of Mars with AI Feynman -- Deep Learning Based Emotion Recognition Using EEG Signal -- Generative AI: Generating Fine-Grained Aspect Names from Movie Review Sentences Using Generative Language Model -- Reducing Human Effort in Keyphrase-Based Human-in-the-Loop Topic Models: A Method for Keyphrase Recommendations -- Movie Keyword Search Using Large-Scale Language Model With User-Generated Rankings and Reviews -- Extraction News Components Methods for Fake News Correction -- Image Data and Knowledge Graph: Buy Eye-mask Instead of Alarm Clock! : Graph-based Approach to Identify Functionally Equal Alternative Products -- Deep image analysis for microalgae identification -- Provenance-Aware Data Integration and Summarization Querying for Knowledge Graphs -- Integration of Knowledge Bases and External Information Sources via Magic Properties and Query-driven Entity Linking -- Enhancing Taxi Placement in Urban Areas using Dominating Set Algorithm with Node and Edge Weights -- Fast Correlated DNA Subsequence Search via Graph-based Representation -- Efficient Maximum k-plex Search via Selective Branch-and-Bound -- Automatic Hypotheses Testing Over Heterogeneous Biological Databases using Open Knowledge Networks -- Recommendation Systems: Using Derived Sequential Pattern Mining for E-Commerce Recommendations in Multiple Sources -- Taste Representation Learning Toward Food Recommendation Balancing Curiosity and Comfort -- Tag2Seq: Enhancing Session-based Recommender Systems with Tag-based LSTM -- ClinLearning: An Online Clinical Tutoring and Crowdsourced Treatment Recommendation System -- Similarity Measure and Metric: The Actualization of TikTok Affordances to Challenge Female Unrealistic Standards of Beauty -- Novel Blocking Techniques and Distance Metrics for Record Linkage -- Efficiently discovering spatial prevalent co-location patterns without distance thresholds -- Boosting Similar Compounds Searches via Correlated Subgraph Analysis -- Efficient Similarity Searches for Multivariate Time Series: A Hash-based Approach -- Topic and Text Matching: A Machine Learning Approach to Enterprise Matchmaking Using Multilabel Text Classification Based on Semi-Structured Website Content -- TraPM: A Framework for Online Pattern Matching over Trajectory Streams -- Attention Based Stopword Generation for Neural Network based Text Processing -- Digital Index Card Creation and Management for Memorizing What You See on the Web -- Multitask, Cross-lingual Recipe Classification using Joint Fine-Tuning Mechanisms.

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## Sommario/riassunto

This book constitutes the refereed conference proceedings of the 25th International Conference on Information Integration and Web Intelligence, iiWAS 2023, organized in conjunction with the 21st International Conference on Advances in Mobile Computing and

Multimedia Intelligence, MoMM2023, held in Denpasar, Bali, Indonesia, during December 4-6, 2023. The 24 full papers and 24 short papers presented in this book were carefully reviewed and selected from 96 submissions. The papers are divided into the following topical sections: business data and applications; data management; deep and machine Learning; generative AI; image data and knowledge graph; recommendation systems; similarity measure and metric; and topic and text matching.

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