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Curiosity. -- ONFOOD: A Substitute Recommendation System in Food Recipes. -- Inspire Me with Your Questions: Repurposing Historical Questions for New Documents. -- Data Integration. -- MRF-JOIN: Differentially Private Vertical Data Synthesis via Federated Marginal Join on Shared Attributes. -- Efficient Source Selection for Federated SPARQL Queries using Adjacent Predicate Information. -- Empathetic Response Generation in Emotional Support Conversation via Multi-Stage Cascading Information Fusion. -- Unified Schema-Driven Graph Polystore: Achieving Transparency in Multi-Model Integration and Migration. -- Optimisation Methods. -- Group Trip Planning Query Problem with Multimodal Journey. -- A Model-based Approach for Simple Construction and Efficient Evaluation of Dataframes. -- Energy and Performance Evaluation of Serverless and Serverful Models on Spark for Database Join Operations. -- Graph Applications. -- The Missing Link: Joint Legal Citation Prediction using Heterogeneous Graph Enrichment. -- Graph Patterns in Fine-grained Access Control for Graph-structured Data. -- An Efficient Point-of-Interest Placement Method Based on Betweenness Centrality. -- Analytics. -- Analytics Modelling over Multiple Datasets using Vector Embeddings. -- Towards IoT-based Smart Mobility Framework for Proactive Road Stress Detection in Individuals with ASD. -- A Divisive Unsupervised Feature Selection Approach for Explainable Remaining Useful Life Prediction. -- Data Storytelling to Unlock the Communicative Power of Digital Twins. -- Queueing Theory for Verifying the Utilization Rate of an Image Processing System. -- Effect of frequency features of ELA maps on the detection performance of image manipulation based on DCT and FFT basis features. -- Alpha: A Multi-Attention Enhanced YOLO Framework for Robust Photovoltaic Defect Detection. -- Security/Privacy. -- Secure Approach for Blockchain-based Anonymous Attribute-based Searchable Encryption Scheme for Data Sharing. -- Incremental k-anonymization for Continuously Growing Big Databases. -- Post Quantum Cryptographic Schemes and Libraries Selection. -- Benchmarks and Surveys. -- Workload-Based Clustering of Large Number of Database-as-a-Service Instances. -- Accelerating Python Code with Parallel I/O. -- Benchmarking Embedding Techniques for Modeling User Navigation Behavior on Task-Oriented Software. -- The Wrecking SQL Incremental Validation Methodology. -- A Survey of Control Technologies for Autonomous Underwater Vehicles.

| Sommario/riassunto | The two-volume set LNCS 16046-16047 constitutes the proceedings of the 36th International Conference on Database and Expert Systems Applications, DEXA 2025, held in Bangkok, Thailand, in August 25–27, 2025. The 35 full and 22 short papers presented in this set together with 3 invited talks were carefully reviewed and selected from 123 submissions. They were organized in topical sections as follows: Part I: Industrial Keynote; Invited Talks; Large Language Models; Data Quality; Machine Learning /Artificial Intelligence Applications; Classification Techniques. Part II: Image Processing, Analytics, and Vision Systems; Recommender Techniques; Data Integration; Optimisation Methods; Graph Applications; Analytics; Security/Privacy; Benchmarks and Surveys. |