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Nota di contenuto	-- Keynote. -- Survival Informatics: Reliable Social Media Analysis for Societal Well-being. -- Foundations of AI and Data Intelligence. -- Supplementing Product Reviews: Retrieving Opinions from Products with Similar Attributes. -- Generating Comparative Table by LLM-based Product Review Summarization. -- Expanding Aspect Queries into Review Sentence Fragments for Product Comparison via LLM-Generated Synthetic Reviews. -- Learning Disentangled Document Representations Based on a Classical Shallow Neural Encoder. -- Generating Interactive Japanese Puns Based on Phoneme Similarity. -- Japanese Rhyme Generation Based on Mora Similarity and Generation Probability. -- Addressing Label Scarcity: Hybrid Anomaly Detection in Mental Healthcare Billing. -- BATT2GRAPH: A Hybrid CNN–LSTM and Temporal Graph-Based Approach for Lithium-Ion Battery SOH Prediction and Anomaly Detection. -- CoRA: Continual Learning for Multimodal Sensing with a Case Study in Mental Health. -- Peak Pattern Based Smilarity Search for High-Dimensional Spectral Data. --

Fast Approximate Aggregation with Error Guarantee Using Encoded Bit-slice Indexing. -- Retrieving More Concrete Product Reviews by Query Rewriting with Retrieved Review Concretization. -- Knowledge, Reasoning, and Human Interaction. -- CACIKI - Compositionally Analyzed Collection of Illustrated Kanji Information. -- Integration of Knowledge Bases and External Sources Incorporating Uncertainty in Entity Linking. -- Data Specification Vocabulary (DSV): Representation of Application Profiles of Semantic Data Specifications. -- Investigating the Impact of Defocus on Font Visibility in Transparent Displays. -- On the Relationship between Crude, Adjusted, Confounder and Latent Coefficients in Linear Regression. -- Privacy Patterns and Objectives for Legally Compliant Software based on the Indonesia's PDP Law. -- RAG-Driven Financial QA: Preserving Privacy and Enhancing Performance with Synthetic Data. -- ML-Assisted Semi-Automated Analysis of Audio/Video Meeting Recordings. -- Emerging Technologies and Applied Innovation. -- From Connectivity to Value: Mapping Slovak IoT Business Archetypes against EU Adoption Benchmarks. -- Integrating Digital Product Passports in E-commerce: An Architectural Framework for Sustainability and AI-Driven Value. -- The Impact of Incremental eService Changes on Customer Experience: A Conceptual Review. -- Exploring the Efficacy of Learning Analytics Dashboards for Metacognitive Activity Support in Self-Learning. -- UPPSALA - Universal Pictographic Pictorial Sentence Annotation for Language Acquisition. -- Experiences Before On-the-Job Training of University Graduates Employed in the IT sector in the Slovak Republic. -- Creative and Generative AI. -- Generating Distinctive Recipe Names via Relative Feature Comparison in Recipe Set. -- Measuring Shape Unexpectedness of Exhibits based on Similarity and Outlier Detection. -- Automatic Facial Mist Application Skincare Based on Skin Condition Analysis. -- Enhancing Algorithms with LLMs: A Case Study. -- Automated Instruction Generation via Alternating Evaluation and Creation with LLMs. -- Two-Stage Fine-Tuning for Dialogue Generation with Small Community Prominent Leaders' Philosophies. -- Can Stable Diffusion Recommend Outfits?: Outfit Recommendation from Fashion Item Images via Generative AI. -- Effects of Image Samples on In-Context Learning of Multimodal Large Language Models. -- AI-Driven Web Game Development with Gemini 2.5 Pro.

Sommario/riassunto

This book constitutes the refereed proceedings of the 27th International Conference on Information Integration and Web Intelligence, iiWAS 2025, held in Matsue, Japan, during December 8–10, 2025. The 23 full papers, 12 short papers and 1 keynote paper included in this book were carefully reviewed and selected from 79 submissions. They were organized in topical sections as follows: Keynote; Foundations of AI and Data Intelligence; Knowledge, Reasoning, and Human Interaction; Emerging Technologies and Applied Innovation; Creative and Generative AI.
