

Editorial

We present the second issue of the 2026 **Journal of Information & System Management**, featuring the following papers.

In the opening paper, “**AI-Driven Counterfeit and Fraud Detection in E-Commerce: A Dual-Layered Machine Learning Approach,**” the authors developed and evaluated a dual-layer predictive analytics framework that leverages supervised machine learning to enhance counterfeit detection and fraud governance in digital marketplaces. The models were benchmarked using accuracy, precision, recall, F1 Score, and ROC-AUC after preprocessing, categorical encoding, and an 80/20 stratified train-test split. The authors finally proposed a unified, AI-driven marketplace governance framework capable of real-time surveillance and automated threat mitigation.

In the next paper, “**Data-Driven Investigation of Global Artificial Intelligence Ethics Frameworks and Governance Patterns,**” the authors outlined a data-driven investigation of global Artificial Intelligence (AI) ethics frameworks and governance patterns through machine learning and visual analytics techniques. The authors used K-Means clustering, Principal Component Analysis, hierarchical clustering, and correlation analysis to systematically examine ethical priorities embedded within 25 conceptual dimensions to analyse a curated dataset of 112 AI policy documents. The findings suggested the transition of AI ethics from abstract declarations toward operational, measurable governance frameworks, while emphasizing the need for interdisciplinary collaboration.

In the last paper, “**Advanced Retail Analytics Using Market Basket Mining, Product Networks, and Time-Series Forecasting,**” the authors advocated an integrated analytical framework that synergizes association rule mining, product network analytics, temporal modeling, clustering, and time-series forecasting. The findings shown how multi-dimensional analytics significantly enhance nextbasket recommendation engines, inform store layout optimization, and improve demand prediction accuracy. The suggested framework transcended conventional basket analysis to deliver a holistic understanding of retail ecosystems.

We hope that the published research in this issue leads to further research in the directions set.

Editors