

Editorial

We present the first issue of the sixteenth volume of the **Journal of Information & System Management** with the following research.

In the opening paper, “**Analysis of Plantar Pressure Based on Injury Recovery for Physical Fitness,**” the authors analysed how plantar pressure distribution during walking can inform injury prevention and recovery strategies among footballers. The authors integrate data into motion models, with this study focusing on providing personalised, evidence-based recommendations to reduce overtraining and enhance rehabilitation. The authors concluded that plantar pressure analysis is a reliable predictor of injury severity and a valuable tool for tailoring recovery protocols.

In the next paper, “**Optimizing Sports Tourism Development Through Search Algorithms: Strategies for Market Integration and Economic Growth,**” the author studied the integration of sports and tourism as a driver of economic development and public health improvement in China. This work outlined the use of search algorithms, particularly hash function-based approaches, to optimise sports tourism planning, market prediction, and digital platform integration. Finally, the study presents a practical, technology-enabled framework to advance sports tourism through intelligent search systems, contributing to both economic growth and sustainable tourism development.

In the last paper, “**Optimizing the Value Chain Using A Fuzzy Gmdh Algorithm,**” the author studied the application of the Group Method of Data Handling (GMDH) algorithm enhanced with fuzzy inference to analyze and optimize the value chain in the sports industry. The susceptibility of Gmdh algorithm to overfitting and structural instability prompted the integration of fuzzy logic to handle imprecise and noisy data better. The fuzzy GMDH model improves prediction accuracy by incorporating fuzzy reasoning into the basic processing units, enabling more robust modeling of nonlinear and uncertain systems. This study underscores the importance of advanced data mining techniques, such as fuzzy GMDH, in enabling evidence-based decision-making in emerging sectors.

We hope that the research in this issue marks significance and technical merit

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