

Special Issue

AI-Driven Business Analytics Revolution

Message from the Guest Editor

We are pleased to invite you to submit your latest research to this Special Issue “AI-Driven Business Analytics Revolution”. This Special Issue aims to explore the transformative potential of artificial intelligence (AI) techniques in reshaping business analytics, decision-making processes, and organizational performance across industries. Recent advancements in machine learning, deep learning, natural language processing, and generative AI have enabled organizations to derive actionable insights from large-scale, complex, and heterogeneous data. As we enter a new era of data-centric decision making, this Special Issue seeks high-quality submissions that propose novel algorithms, theoretical frameworks, and empirical analyses at the intersection of AI and business analytics. We welcome contributions that address foundational algorithmic developments, scalable AI pipelines for real-time analytics, and innovative AI applications that optimize business operations, enhance predictive capabilities, or enable autonomous decision systems. Interdisciplinary approaches that combine methods from computer science, operations research, economics, and data science are particularly encouraged.

Guest Editor

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About the Journal

Message from the Editor-in-Chief

Algorithms are the very core of Computer Science. The whole area has been considered from quite different perspectives, having led to the development of many sub-communities: Complexity theory (limitations), approximation or parameterized algorithms (types of problems), geometric algorithms (subject area), metaheuristics, algorithm engineering, medical imaging (applications), indicates the range of perspectives. Our journal welcomes submissions written from any of these perspectives, so that it may become a forum for exchange of ideas between the corresponding scientific subcommunities.

Editor-in-Chief

Prof. Dr. Frank Werner

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