

Special Issue

Recent Advances in Data Mining: Methods, Trends, and Emerging Applications

Message from the Guest Editor

In recent years, data mining has emerged as a keystone of intelligent data analysis, enabling the discovery of hidden patterns, actionable insights, and predictive knowledge from massive and complex datasets.

Powered by rapid progress in computing technologies, machine learning, big data infrastructure, and modern data mining techniques have found applications in a growing range of fields, including healthcare, finance, cybersecurity, social media, environmental sciences, and more. This Special Issue aims to bring together the latest innovations, trends, challenges, and practical applications in the field of data mining. We invite high-quality contributions that explore new methodologies, theoretical frameworks, and real-world use-cases that highlight the transformative power of data mining in solving contemporary problems. Submissions may focus on algorithmic advances, novel applications, performance improvements, or interdisciplinary research integrating data mining with other emerging technologies such as cloud computing, edge AI, and blockchain. We welcome original research articles, comprehensive review papers, and insightful case studies from academia and industry.

Guest Editor

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