



Advances in High-Dimensional Data Analysis and Applications

Guest Editor:

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Message from the Guest Editor

Dear Colleagues,

This Special Issue will feature a broad range of articles, including the following. Novel statistical techniques: introduction of new statistical models and inference methods tailored to handle high-dimensional datasets, ensuring robustness and accuracy in the face of data complexity. Machine learning algorithms: development and application of advanced machine learning algorithms that can efficiently manage and analyze high-dimensional data, uncovering hidden patterns and driving predictive analytics. Dimensionality reduction methods: innovative approaches to reduce the dimensionality of data while preserving essential information, facilitating more efficient data analysis and visualization. Computational techniques: exploration of novel computational methods and tools designed to process high-dimensional data more effectively, addressing issues related to computational cost and scalability. Practical applications: case studies and practical applications demonstrating the successful implementation of high-dimensional data analysis techniques in various domains, such as personalized medicine, biomarker identification, financial modeling, and image recognition.





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Message from the Editor-in-Chief

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