

Special Issue

Exploring Statistical Learning: Inference, Optimization, and Real-World Applications

Message from the Guest Editor

"Exploring Statistical Learning: Inference, Optimization, and Real-World Applications" presents a comprehensive investigation into the multifaceted domain of statistical learning. This Special Issue encompasses a wide spectrum of topics, from foundational principles of inference and optimization to their practical manifestations in real-world contexts. The Issue elucidates the intricacies of statistical learning algorithms and their applications across diverse domains such as finance, healthcare, and marketing through a combination of theoretical insights and empirical studies. This collection bridges the gap between theory and practice, equipping readers with a deeper understanding of statistical learning methodologies and their transformative potential in addressing contemporary data analysis and decision-making challenges.

Guest Editor

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About the Journal

Message from the Editor-in-Chief

The journal *Mathematics* publishes high-quality, refereed papers that treat both pure and applied mathematics. The journal highlights articles devoted to the mathematical treatment of questions arising in physics, chemistry, biology, statistics, finance, computer science, engineering and sociology, particularly those that stress analytical/algebraic aspects and novel problems and their solutions. One of the missions of the journal is to serve mathematicians and scientists through the prompt publication of significant advances in any branch of science and technology, and to provide a forum for the discussion of new scientific developments.

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