

Special Issue

Statistical Analysis and Data Mining in Science and Engineering

Message from the Guest Editor

We are delighted to invite you to contribute to the Special Issue titled "Statistical Analysis and Data Mining in Science and Engineering." This Special Issue seeks to explore the integration of statistical methodologies and data mining techniques to address complex challenges across scientific and engineering disciplines. We welcome original research, review papers, and case studies that demonstrate novel applications of statistical and data mining methods in fields such as process engineering, computer science, environmental science, bioinformatics, astro-informatics, and other applied sciences. Submissions focusing on multivariate analysis, dimensionality reduction, time series modelling, machine learning, and computational tools are particularly encouraged, and contributions that emphasize real-world impact, interdisciplinary collaboration, and reproducibility are highly valued. This Special Issue aims to serve as a platform for knowledge exchange and innovation at the intersection of statistics, data science, and engineering. We look forward to your valuable contributions and to fostering meaningful discussions in this evolving field.

Guest Editor

Dr. Syamala Krishnannair

Department of Mathematical Sciences, University of Zululand,
Kwadlangezwa 3886, South Africa

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Mathematics
Editorial Office
MDPI, Grosspeteranlage 5
4052 Basel, Switzerland
Tel: +41 61 683 77 34
mathematics@mdpi.com

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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.

Editor-in-Chief

Prof. Dr. Francisco Chiclana

School of Computer Science and Informatics, De Montfort University,
The Gateway, Leicester LE1 9BH, UK

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