

Special Issue

Explainable and Trustworthy AI Models for Data Analytics

Message from the Guest Editor

I am pleased to announce a Special Issue of the journal *Mathematics* on "Explainable and Trustworthy AI Models for Data Analytics". This Special Issue aims to address the lack of transparency and interpretability in AI systems of data analysis. The Issue will explore the development of explainable artificial intelligence models that enhance our understanding of the decision-making processes behind AI predictions, thereby fostering trust and enabling effective utilization of AI in data analysis tasks. Topics of interest include explainable AI; trustworthy AI, data analytics; machine learning; explainable models; model trustworthiness; mathematical optimization and applications of explainable and trustworthy AI in various domains. The Special Issue seeks to provide a platform for researchers to contribute to the advancement of AI models that are not only accurate and efficient but also transparent, interpretable, and accountable in the context of data analysis. Diverse perspectives and approaches are welcome to foster a comprehensive understanding of the challenges and opportunities in developing explainable and trustworthy AI models for data analysis.

Guest Editor

Dr. Rajaraman Kanagasabai

A-Star, Institute for Infocomm Research, Singapore City, Singapore

Deadline for manuscript submissions

31 March 2026



Mathematics

an Open Access Journal
by MDPI

Impact Factor 2.2
CiteScore 4.6



mdpi.com/si/188527

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

[mdpi.com/journal/
mathematics](https://mdpi.com/journal/mathematics)





Mathematics

an Open Access Journal
by MDPI

Impact Factor 2.2
CiteScore 4.6



[mdpi.com/journal/
mathematics](https://mdpi.com/journal/mathematics)



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

Author Benefits

High Visibility:

indexed within Scopus, SCIE (Web of Science), RePEc, and other databases.

Journal Rank:

JCR - Q1 (Mathematics) / CiteScore - Q1 (General Mathematics)

Rapid Publication:

manuscripts are peer-reviewed and a first decision is provided to authors approximately 18.4 days after submission; acceptance to publication is undertaken in 2.4 days (median values for papers published in this journal in the first half of 2025).