Special Issue

Machine Learning and Data Mining: Techniques and Tasks

Message from the Guest Editor

In recent years, advances in data gathering, storage, and distribution have created a great need for computational theories and techniques to aid in intelligent data analysis. Machine learning and data mining is a rapidly growing area of research and application that builds on theories and techniques from many fields. The aim of this Special Issue is to provide a forum for researchers to present their original contributions describing their experience and approaches to a wide range of machine learning techniques applied to a variety of data mining tasks, including but not limited to:

- Machine learning techniques: Bayesian learning, nearest neighbor learning, decision tree learning, cost-sensitive learning, crowdsourcing learning, deep learning, etc.
- Data mining tasks: Classification, ranking, class probability estimation, clustering, regression, distance measure, feature selection, etc.

Submissions should be original and unpublished. Extended versions of conference publications will be considered if they contain at least 50% new content.

Guest Editor

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Deadline for manuscript submissions

closed (31 December 2022)

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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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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).

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