Special Issue

Application of Machine Learning and Data Mining

Message from the Guest Editors

Recent decades have seen a dramatic rise in the application of machine learning and data mining. Recent technologies, e.g., the Internet of things (IoTs), neural networks, deep learning, and smart things, have brought new developments in machine learning and data mining to areas such as, healthcare, manufacturing, automobiles, and agriculture. Recent studies have shown that deep neural networks significantly improve the performance of learning tasks such as object detection, image classification, and segmentation. As a consequence, many advanced real-world applications have developed increasingly close relations with machine learning and data mining technologies. This Special Issue aims to present cutting-edge techniques in the application of machine learning and data mining; this is also the aim of the 2023 International Conference on Neural Computing for Advanced Applications (NCAA 2023), which will be held in Hefei, China. The authors of outstanding papers selected from the NCAA 2022 will be invited to submit their extended technical papers for possible publication in the proposed Special Issue after an ordinary review process.

Guest Editors

Prof. Dr. Mingbo Zhao

Prof. Dr. Haijun Zhang

Prof. Dr. Zhou Wu

Deadline for manuscript submissions

closed (20 May 2024)

MDPI

Σ

Mathematics

an Open Access Journal by MDPI

Impact Factor 2.3 CiteScore 4.0

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 17.1 days after submission; acceptance to publication is undertaken in 2.6 days (median values for papers published in this journal in the first half of 2024).

MDPI