Machine Learning and AI in Intelligent Data Mining and Analysis

Guest Editors:

Prof. Dr. Chuan Shi

Dr. Cheng Yang

Prof. Dr. Yong Fang

Dr. Lichao Sun

Deadline for manuscript submissions:
closed (20 June 2023)

Message from the Guest Editors

Dear Colleagues,

With huge volumes of data available for mining and analysis, AI methods have been successfully used in a variety of applications. Over the last decade, machine learning and AI have clearly overwhelmed the traditional paradigm of data mining and analysis. Compared with conventional feature engineering approaches that mainly rely on expert knowledge, representative AI methods based on deep learning or machine learning techniques are highly data-driven and can effectively capture the intrinsic correlations lying in data. We are interested in articles that explore machine learning and AI methods in intelligent data mining and analysis. Potential topics include but are not limited to the following:

- Machine learning and AI algorithms widely used in data mining and analysis, e.g., graph neural networks or transformers.
- Interesting data mining applications based on deep learning or machine learning techniques, e.g., security, drug, or software.
- Resources related to the above topics, e.g., new datasets, tools, or surveys.

mdpi.com/si/152707

Special Issue

Editor-in-Chief

Prof. Dr. Giulio Nicola Cerullo
Dipartimento di Fisica,
Politecnico di Milano, Piazza L.
da Vinci 32, 20133 Milano, Italy

Message from the Editor-in-Chief

As the world of science becomes ever more specialized, researchers may lose themselves in the deep forest of the ever increasing number of subfields being created. This open access journal *Applied Sciences* has been started to link these subfields, so researchers can cut through the forest and see the surrounding, or quite distant fields and subfields to help develop his/her own research even further with the aid of this multi-dimensional network.

Author Benefits

Open Access: free for readers, with article processing charges (APC) paid by authors or their institutions.
High Visibility: indexed within Scopus, SCIE (Web of Science), Ei Compendex, Inspec, Embase, CAPlus / SciFinder, and other databases.
Journal Rank: JCR - Q2 (Engineering, Multidisciplinary) / CiteScore - Q1 (General Engineering)

Contact Us