

## Special Issue

# Recent Advances in Feature Selection

### Message from the Guest Editors

This Special Issue calls for contributions from researchers that target the recent developments in the field of feature selection associated with machine learning, including deep learning models for a wide variety of data from both theoretical and practical perspectives. The topics of interest include, but are not limited to, the following: New feature selection algorithms;

Evolutionary search-based techniques for feature selection;

Clustering and graph-based techniques for feature selection;

Feature selection for high dimensional data;

Feature selection for time series data ;

Feature selection for textual data;

Feature selection for DNN models;

Deep feature selection;

Ensemble methods for feature selection;

Feature selection applications

---

### Guest Editors

Prof. Dr. Basabi Chakraborty

1. Regional Research Cooperation Center, Iwate Prefectural University,  
152-52 Sugo, Takizawa, Iwate, Japan

2. School of Computing, MITS, Madanapalle, India

Dr. Saptarsi Goswami

Computer Science, Bangabasi Morning College, University of Calcutta,  
Kolkata, India

---

### Deadline for manuscript submissions

closed (15 September 2023)



## Machine Learning and Knowledge Extraction

---

an Open Access Journal  
by MDPI

---

Impact Factor 6.0  
CiteScore 9.9



[mdpi.com/si/65225](https://mdpi.com/si/65225)

*Machine Learning and  
Knowledge Extraction*  
Editorial Office  
MDPI, Grosspeteranlage 5  
4052 Basel, Switzerland  
Tel: +41 61 683 77 34  
[make@mdpi.com](mailto:make@mdpi.com)

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





# Machine Learning and Knowledge Extraction

---

an Open Access Journal  
by MDPI

---

Impact Factor 6.0  
CiteScore 9.9



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



## About the Journal

### Message from the Editor-in-Chief

---

#### Editor-in-Chief

Prof. Dr. Andreas Holzinger

1. Human-Centered AI Lab, Institute of Forest Engineering, Department of Forest and Soil Sciences, University of Natural Resources and Life Sciences, 1190 Vienna, Austria

2. xAI Lab, Alberta Machine Intelligence Institute, University of Alberta, Edmonton, AB T5J 3B1, Canada

---

#### Author Benefits

##### High Visibility:

indexed within Scopus, ESCI (Web of Science), dblp, and other databases.

##### Rapid Publication:

manuscripts are peer-reviewed and a first decision is provided to authors approximately 25.5 days after submission; acceptance to publication is undertaken in 3.4 days (median values for papers published in this journal in the first half of 2025).

##### Journal Rank:

JCR - Q1 (Engineering, Electrical and Electronic) /  
CiteScore - Q1 (Engineering (miscellaneous))