

Special Issue

Recent Advances in Data Mining: Methods, Trends, and Emerging Applications

Message from the Guest Editor

In recent years, data mining has emerged as a keystone of intelligent data analysis, enabling the discovery of hidden patterns, actionable insights, and predictive knowledge from massive and complex datasets.

Powered by rapid progress in computing technologies, machine learning, big data infrastructure, and modern data mining techniques have found applications in a growing range of fields, including healthcare, finance, cybersecurity, social media, environmental sciences, and more. This Special Issue aims to bring together the latest innovations, trends, challenges, and practical applications in the field of data mining. We invite high-quality contributions that explore new methodologies, theoretical frameworks, and real-world use-cases that highlight the transformative power of data mining in solving contemporary problems. Submissions may focus on algorithmic advances, novel applications, performance improvements, or interdisciplinary research integrating data mining with other emerging technologies such as cloud computing, edge AI, and blockchain. We welcome original research articles, comprehensive review papers, and insightful case studies from academia and industry.

Guest Editor

Dr. Tehmina Amjad

Khoury College of Computer Science, Northeastern University, Silicon Valley Campus, San Jose, CA 95113, USA

Deadline for manuscript submissions

31 December 2025



Computers

an Open Access Journal
by MDPI

Impact Factor 4.2
CiteScore 7.5



mdpi.com/si/240237

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

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





Computers

an Open Access Journal
by MDPI

Impact Factor 4.2
CiteScore 7.5



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



About the Journal

Message from the Editor-in-Chief

You are invited to contribute a research article, a comprehensive review or a software paper for consideration and publication in Computers (ISSN 2073-431X). Computers is an international, peer-reviewed, open access journal which provides an advanced forum for computer sciences. Computers is published in open access format—research articles, reviews and other contents are released on the Internet immediately after acceptance. The scientific community and the public have unlimited and free access to the content as soon as it is published. We would be pleased to welcome you as one of our authors.

Editor-in-Chief

Prof. Dr. Paolo Bellavista

Department of Computer Science & Engineering (DISI), University of
Bologna, 40136 Bologna, Italy

Author Benefits

High Visibility:

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

Journal Rank:

JCR - Q2 (Computer Science, Interdisciplinary Applications) / CiteScore - Q1 (Computer Science (miscellaneous))

Rapid Publication:

manuscripts are peer-reviewed and a first decision is provided to authors approximately 16.3 days after submission; acceptance to publication is undertaken in 3.8 days (median values for papers published in this journal in the first half of 2025).