

Special Issue

Machine Learning in Data Mining for Knowledge Discovery

Message from the Guest Editors

A new Special Issue is online recently, from the journal *Big Data and Cognitive Computing*, titled “Machine Learning in Data Mining for Knowledge Discovery”. In this Special Issue, original research articles and reviews are welcome. Research areas may include (but are not limited to) the following:

- Association rules mining in Big Data;
- Classification rules mining in Big Data;
- Unstructured data cleansing;
- Distributed data mining;
- Adaptation of deep learning approaches to data mining;
- Actionable rules mining in Big Data;
- Neural networks for knowledge discovery;
- Generic machine learning model studies in data mining;
- Knowledge evaluation and quantization;
- Utility analysis for rules and patterns;
- Cost-benefit analysis for rules and patterns;
- Redundant data removal and its quality evaluation;
- Attribute reduction;
- Social network discovery;
- Data integration and data fusion from a variety of sources.

Guest Editors

Dr. Cong Gao

Department of Computer Science, University of Regina, Regina, SK S4S 0A2, Canada

Dr. Chuntao Ding

School of Computer and Information Technology, Beijing Jiaotong University, Beijing 100081, China

Deadline for manuscript submissions

closed (30 June 2024)



Big Data and Cognitive Computing

an Open Access Journal
by MDPI

Impact Factor 4.4
CiteScore 9.8



mdpi.com/si/125783

Big Data and Cognitive Computing
Editorial Office
MDPI, Grosspeteranlage 5
4052 Basel, Switzerland
Tel: +41 61 683 77 34
bdcc@mdpi.com

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





Big Data and Cognitive Computing

an Open Access Journal
by MDPI

Impact Factor 4.4
CiteScore 9.8



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



About the Journal

Message from the Editor-in-Chief

Big Data and Cognitive Computing (BDCC) is a scholarly online journal which provides a platform for big data theories with emerging technologies on smart clouds and exploring supercomputers with new cognitive applications. It is a peer-reviewed, open access journal that publishes high quality original articles, reviews and short communications. The primary aims of this journal are to encourage contributions of high quality scientific papers relating to data management and analytics in industry, such as manufacturing, healthcare, education, media and business, data mining, and cognitive science. There is no restriction on the maximum length of the papers.

Editor-in-Chief

Prof. Dr. Min Chen

School of Computer Science and Engineering, South China University of Technology, Guangzhou 510641, China

Author Benefits

Open Access:

free for readers, with article processing charges (APC) paid by authors or their institutions.

High Visibility:

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

Journal Rank:

JCR - Q1 (Computer Science, Theory and Methods) /
CiteScore - Q1 (Computer Science Applications)