

Special Issue

Machine Learning and Image Processing: Applications and Challenges

Message from the Guest Editor

Machine learning and image processing are among the most rapidly evolving fields in computer science, driving innovation across a wide range of application domains. This Special Issue seeks contributions addressing new algorithms, deep learning models, interpretability, and explainability, as well as domain-specific challenges such as data quality, annotation, and real-time analysis. By presenting a diverse set of research studies and case examples, this Special Issue intends to offer a comprehensive overview of the current trends, challenges, and future directions in machine learning and image processing, as well as fostering cross-disciplinary collaboration. We especially encourage submissions that address real-world problems, propose innovative solutions, or review the state of the art in these rapidly growing areas.

Guest Editor

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Deadline for manuscript submissions

30 September 2026



Big Data and Cognitive Computing

an Open Access Journal
by MDPI

Impact Factor 4.4
CiteScore 9.8



mdpi.com/si/250224

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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.

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