

Special Issue

Big Data Analytics with Machine Learning for Cyber Security

Message from the Guest Editors

This Special Issue focuses on big data analytics, the critical role of machine learning (ML) in it, and the possible security challenges in big data. In this upcoming Special Issue, we invite submissions of original research or review articles on the topics and related areas listed below. We look forward to receiving your contributions as we aim to explore different research areas within (but not limited to) the following topics:

- Different security approaches of big data analytics;
- Privacy and security of big data using ML/DL/reinforcement learning/deep reinforcement learning;
- IoT and IoMT security;
- Security information and event management: tools, architecture, and methods;
- Cloud security analytics;
- Privacy-preserving data analysis;
- Predictive security analytics;
- Self-sovereign identity;
- Zero-day attacks and prevention methods;
- Open-source intelligence in cybersecurity applications;
- Cyberthreat intelligence and malware analysis;
- Big data security paradigms/architectures;
- Existing big data policy and protocols.

Guest Editors

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Deadline for manuscript submissions

closed (20 January 2026)



Big Data and Cognitive Computing

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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.

Editor-in-Chief

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