



2027 IEEE 12th International Conference on
Cloud Computing and Big Data Analytics

23-25 April 2027 | Chengdu, China

Track 4

Data Analytics & Machine Learning

This track is dedicated to advanced theories, algorithms and practical applications of data analytics and machine learning. It serves as an open forum for researchers and industry practitioners to present original research, prototype systems and empirical studies on data-driven intelligent technologies. Accepted topics cover statistical data analysis, deep learning, transfer learning, federated learning, pattern recognition, predictive analytics, data mining, low-resource learning, explainable AI, large-model optimization, multimodal data analysis, and real-world intelligent decision systems. Special attention is paid to algorithm efficiency, generalization performance, model interpretability, and deployment challenges under complex, noisy and large-volume data conditions. This track aims to stimulate in-depth technical discussions, bridge theoretical research with practical scenarios, and promote international academic communication and joint innovation across data analytics and machine-learning communities.

Track Chair



Yingjie Zhou
Sichuan University, China

Topics

- ◆ Big Data Machine Learning
- ◆ Data Mining Techniques
- ◆ Big Data Analytics Metrics
- ◆ City-Scale Data Mining
- ◆ Big Data Visualization
- ◆ Graph Mining Methods
- ◆ Foundational Data Models
- ◆ Big Data AI Systems
- ◆ Data Science Research
- ◆ Big Data Challenges

Publication

Submitted papers will be peer reviewed by conference committees, and accepted papers will be included in ICCCBDA 2027 Conference Proceedings.

Important Dates

Submission deadline: December 5, 2026
Notification Date: January 5, 2027
Registration Deadline: January 20, 2027

Submission Link and Templates

Submission Link: <https://easychair.org/conferences/?-conf=icccbda2027> ((Please select Track 1))

Submission Templates:
<https://icccbda.com/instruct8.5x11x2.doc> (Word Version)
<https://icccbda.com/ieee-latex-conference-template.zip> (LaTeX Version)

Contact

Ms. Lesley Lei
Mobile: 13277777770 / 18010667294
Email for Conference Communication: icccbda@young.ac.cn
Email for Secretary Contact: icccbda_conf@outlook.com