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Data Mining and Machine Learning in the Era of Big Knowledge and Large Models

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Message from the Guest Editors

In recent years, the fields of data mining and machine learning have undergone a transformative shift with the advent of big data and the development of increasingly complex models. This Special Issue aims to explore the latest advancements, challenges, and applications in data mining and machine learning within the context of big knowledge and large models.

We invite researchers to contribute original research articles, reviews, and short communications on topics related to data mining and machine learning, including but not limited to the following:

Scalable algorithms for big data analysis;

Deep learning architectures and techniques;

Transfer learning and domain adaptation in large-scale models;

Federated learning and distributed machine learning systems;

Explainable AI and interpretable machine learning models; Privacy-preserving data mining and machine learning;

Secure and trustworthy machine learning;

Reinforcement learning in complex environments;

Meta-learning and automated machine learning;

Optimization techniques for large-scale models;

Applications of data mining and machine learning in real-world scenarios.











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Message from the Editor-in-Chief

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