Special Issue

Deep Learning for Data Mining: Theory, Methods, and Applications

Message from the Guest Editors

Deep learning has succeeded significantly in many application areas, such as object recognition, natural language processing, and information retrieval. Due to the limitations of shallow methods in mining knowledge from data, deep learning technologies are also frequently adopted for data mining tasks, such as classification, prediction, time-series analysis, association, and clustering, which significantly improves the development of the data mining area. This Special Issue aims to provide an academic platform to publish high-quality research papers on deep learning methods and their applications to data mining, including (but not limited to) extended versions of the outstanding SDAI2023 (https://www.sdaai.org.cn/sdai2023) papers. Potential topics of interest for this Special Issue include:

- Deep learning theory;
- Deep learning algorithms;
- Graph neural networks;
- Deep reinforcement learning;
- Classification methods;
- Association rule mining;
- User behavior modeling;
- Click-through rate prediction;
- Behavior pattern mining;
- Recommendation methods;
- Clustering algorithms;
- Time-series analysis;
- Spatial data mining;

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Deadline for manuscript submissions

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Message from the Editor-in-Chief

Electronics is a multidisciplinary journal designed to appeal to a diverse audience of research scientists, practitioners, and developers in academia and industry. The journal is devoted to fast publication of latest technological breakthroughs, cutting-edge developments, and timely reviews of current and emerging technologies related to the broad field of electronics. Experimental and theoretical results are published as regular peer-reviewed articles or as articles within Special Issues guestedited by leading experts in selected topics of interest.

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