Special Issue

Advances in Natural Language Processing and Text Mining

Message from the Guest Editors

In this Special Issue, original research articles and reviews are welcome. Research areas may include (but are not limited to) the following:

- Natural language understanding: techniques and algorithms for understanding and analyzing natural language, including sentiment analysis, topic modeling, named entity recognition, and entity linking.
- Text mining and information retrieval: approaches for mining knowledge and insights from unstructured text data, including information retrieval, text classification, and clustering.
- Deep learning for NLP and text mining: deep learning-based techniques for natural language processing and text mining, including neural language models, sequence-to-sequence models, and attention-based models.
- Large language model pre-training: techniques for pre-training large language models, including BERT, GPT, and RoBERTa, and their applications in NLP and text mining tasks.
- Multimodal NLP: techniques for analyzing and understanding multimodal data, including text, images, and videos.

We look forward to receiving your contributions.

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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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