Special Issue

Applied Deep Learning: Business and Industrial Applications

Message from the Guest Editors

In the last decade, deep learning has emerged as a sub-field of machine learning that opens new possibilities for applications. The success of deep learning algorithms and architectures in the fields of image processing, speech recognition or text processing are demonstrations of its potential for a variety of tasks. This has been made possible due to a combination of advances in the training algorithms that can be traced back to neural networks and the exploitation of parallel computing and GPUs in deep learning frameworks, such as Theano, TensorFlow, and others. The Special Issue welcomes contributions in one of the following categories, or in other related ones:

- Applications of deep learning techniques in the broad range of business analytics problems and problems related to industrial processes.
- Systematic or analytic reviews of the application of deep learning to categories of problems or concrete settings, that inform further research.
- Papers dealing with practical aspects of devising and deploying deep learning, including empirical comparisons of deep learning libraries, evaluation of tools for deep learning or any other aspect r

Guest Editors

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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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