Special Issue

Computational Finance and Big Data Analytics

Message from the Guest Editor

The vast amount of data in today's environment makes it increasingly important to determine how to discover useful insights for improved decision making. These insights can result in the ability to take advantage of opportunities, minimize risks, and control costs. Big data analytics refers to techniques for exploring, discovering, and making data-driven decisions in the context of abundant data, which have been widely employed to analyze business, financial, economic, and e-commerce data, with recently developed machine learning techniques. This Special Issue in the *International Journal of Big Data and Cognitive Computing* aims for publishing high-quality research and innovation results in all areas related to big data analytics in economics and finance. This Issue includes, but is not limited to, the following topics:

- Financial data analytics;
- Econometric analysis;
- Risk management;
- Computation and simulation;
- E-commerce;
- Risk and regulation;
- Financial engineering;
- Insurance;
- Multivariate analysis;
- Time series analysis;
- Statistical modelling and inference.

Guest Editor

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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.

Editor-in-Chief

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