Advanced Data Mining Techniques for IoT and Big Data

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Message from the Guest Editors

In the big data era, effective cloud systems, web services, and data centers must be designed to discover, store, and process a massive amount of data.

Once data have been collected, advanced learning techniques must be applied to learn, analyze, and predict implicit knowledge from previously stored data.
Data mining algorithms, and more in general machine learning methods, can be applied to retrieve hidden, valid, and potentially useful patterns in huge data sets and to discover unknown relationships amongst the data coming from IoT devices or from the Web.

This Special Issue focuses on the design, implementation, and validation of advanced machine learning methods for big datasets or the IoT scenario. The topics of interest include but are not limited to:

    Big data, clouds, and Internet of Things (IoT);
    Cloud services and applications;
    Data mining for IoT;
    Pattern mining;
    Service discovery process;
    Web service recommendations;
    Web mining;
    Predictive analysis;
    Data analytics;
    Machine learning.

Special Issue