Security and Privacy Issues and Challenges in Big Data Era

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Message from the Guest Editors

Dear Colleagues,

Due to the recent proliferation, a large amount of personal data is being collected and processed. The COVID-19 pandemic has also shown that privacy and security are two major bottlenecks when it comes to handling personal data encompassing basic and sensitive information.

This Special Issue aims to present recent advances to improve privacy and security by leveraging traditional and AI technologies in the big data era. Topics of interest include, but are not limited to:

- Privacy-preserving big data computing and processing;
- Privacy-preserving data publishing;
- Privacy-preserving data mining;
- Anonymization of big data;
- Differential privacy-based method to secure big data;
- Social network privacy preservation;
- Analytic techniques with privacy guarantees;
- Emerging privacy threats due to the adoption of social networks;
- IoT privacy challenges and innovative solutions;
- Big data privacy and security;
- Cloud computing privacy issues and solutions;
- Encryption techniques to protect the contents of big data, etc.

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Special Issue

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Message from the Editor-in-Chief

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