Security and Privacy of Big Data: Issues, Challenges, and Future Perspectives

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Message from the Guest Editor

This Special Issue, which strives to encourage high-quality submissions from the community, will focus on the preservation of data security and privacy in the context of Big Data processing as one of its areas of focus. We encourage contributions from a wide array of industries and types of data, such as business, finance, health, and mobility, because the issues and solutions around privacy protection are complicated and always changing (e.g., IoT, blockchain, social media, and networks).

Keywords: big data privacy and ethics; differential privacy; artificial intelligence on cybersecurity; federated analytics; privacy-preserving databases; privacy-preserving analytics; secure outsourcing; trustworthy machine learning; zero-trust architecture for data security; intrusion detection system;

Special Issue

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Message from the Editor-in-Chief

As the world of science becomes ever more specialized, researchers may lose themselves in the deep forest of the ever increasing number of subfields being created. This open access journal Applied Sciences has been started to link these subfields, so researchers can cut through the forest and see the surrounding, or quite distant fields and subfields to help develop his/her own research even further with the aid of this multi-dimensional network.

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