

# Security, Privacy, and Forensics Issues in Big Data

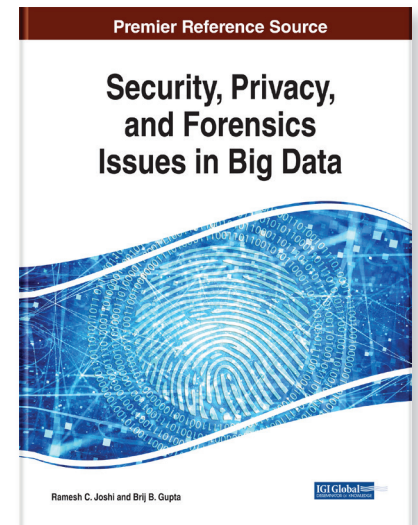
Part of the Advances in Information Security, Privacy, and Ethics Book Series

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## Description:

With the proliferation of devices connected to the internet and connected to each other, the volume of data collected, stored, and processed is increasing every day, which brings new challenges in terms of information security. As big data expands with the help of public clouds, traditional security solutions tailored to private computing infrastructures and confined to a well-defined security perimeter, such as firewalls and demilitarized zones (DMZs), are no longer effective. New security functions are required to work over the heterogenous composition of diverse hardware, operating systems, and network domains.

**Security, Privacy, and Forensics Issues in Big Data** is an essential research book that examines recent advancements in big data and the impact that these advancements have on information security and privacy measures needed for these networks. Highlighting a range of topics including cryptography, data analytics, and threat detection, this is an excellent reference source for students, software developers and engineers, security analysts, IT consultants, academicians, researchers, and professionals.



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## Topics Covered:

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- Control Models
- Cryptography
- Data Analytics
- Data Mining
- Infrastructure Security
- Input Validation
- Privacy
- Security
- Threat Detection

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