



Big Data: Storage, Sharing, and Security

Storage and Database Management for Big Data

Big Data: Storage, Sharing, and Security examines Big Data management from an R&D perspective. It covers the 3S designs — storage, sharing, and security — through detailed descriptions of Big Data concepts and implementations.

Written by well-recognized Big Data experts around the world, the book contains more than 450 pages of technical details on the most important implementation aspects regarding Big Data. After reading this book, you will understand how to:

- Aggregate heterogeneous types of data from numerous sources, and then use efficient database management technology to store the Big Data
- Use cloud computing to share the Big Data among large groups of people
- Protect the privacy of Big Data during network sharing

With the goal of facilitating the scientific research and engineering design of Big Data systems, the book consists of two parts. Part I, *Big Data Management*, addresses the important topics of spatial management, data transfer, and data processing. Part II, *Security and Privacy Issues*, provides technical details on security, privacy, and accountability.

Chapter 2 specifically focuses on answering questions faced by individuals interested in using storage or database technologies to solve their Big Data problems.

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- Intro Page.pdf
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- BigDataStorageDatabaseManagement.pdf