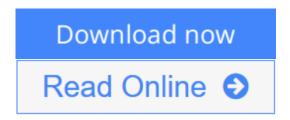# Oracle Big Data Handbook (Oracle Press)

By Tom Plunkett, Brian Macdonald, Bruce Nelson, Mark Hornick, Helen Sun, Khader Mohiuddin, Debra Harding, Gokula Mishra, Robert Stackowiak, Keith Laker, David Segleau

Oracle Big Data Handbook (Oracle Press) By Tom Plunkett, Brian Macdonald, Bruce Nelson, Mark Hornick, Helen Sun, Khader Mohiuddin, Debra Harding, Gokula Mishra, Robert Stackowiak, Keith Laker, David Segleau

Transform Big Data into Insight

"In this book, some of Oracle's best engineers and architects explain how you can make use of big data. They'll tell you how you can integrate your existing Oracle solutions with big data systems, using each where appropriate and moving data between them as needed." -- Doug Cutting, co-creator of Apache Hadoop

Cowritten by members of Oracle's big data team, *Oracle Big Data Handbook* provides complete coverage of Oracle's comprehensive, integrated set of products for acquiring, organizing, analyzing, and leveraging unstructured data. The book discusses the strategies and technologies essential for a successful big data implementation, including Apache Hadoop, Oracle Big Data Appliance, Oracle Big Data Connectors, Oracle NoSQL Database, Oracle Endeca, Oracle Advanced Analytics, and Oracle's open source R offerings. Best practices for migrating from legacy systems and integrating existing data warehousing and analytics solutions into an enterprise big data infrastructure are also included in this Oracle Press guide.

- Understand the value of a comprehensive big data strategy

- Maximize the distributed processing power of the Apache Hadoop platform

- Discover the advantages of using Oracle Big Data Appliance as an engineered system for Hadoop and Oracle NoSQL Database

- Configure, deploy, and monitor Hadoop and Oracle NoSQL Database using Oracle Big Data Appliance

- Integrate your existing data warehousing and analytics infrastructure into a big data architecture

- Share data among Hadoop and relational databases using Oracle Big Data Connectors

- Understand how Oracle NoSQL Database integrates into the Oracle Big Data architecture

- Deliver faster time to value using in-database analytics

- Analyze data with Oracle Advanced Analytics (Oracle R Enterprise and Oracle Data Mining), Oracle R Distribution, ROracle, and Oracle R Connector for Hadoop

- Analyze disparate data with Oracle Endeca Information Discovery

- Plan and implement a big data governance strategy and develop an architecture and roadmap

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Editorial Review

About the Author

Tom Plunkett is a Senior Sales Consultant with Oracle. Tom helped win several industry awards for a big data project that Oracle and the Frederick National Laboratory for Cancer Research collaborated on to analyze relationships between genomes and cancer subtypes, including the 2012 Government Big Data Solution Award, ACT-IAC finalist for best pilot/start-up project, and was nominated for a 2013 Computer World Honor Award for Innovation. . Tom is the lead author of several books, including *Oracle Big Data Handbook* and *Oracle Exalogic Elastic Cloud Handbook*.

Brian Macdonald is a Distinguished Solution Consultant and certified Oracle Enterprise Architect with Oracle. He has more than 20 years of experience creating architectures and implementing analytic platforms to address a wide range of customer needs including data warehousing, business intelligence, OLAP, Hadoop, Master Data Management, and ETL technologies.

Bruce Nelson is the Oracle Big Data lead for the Western U.S. and has more than 24 years of experience in the IT industry with a focus on Hadoop, noSQL, Oracle Database, Oracle RAC, and Oracle Exadata.

Mark Hornick is a Director in the Oracle Database Advanced Analytics group focusing on Oracle R Enterprise (ORE), Oracle R Connector for Hadoop (ORCH), and Oracle R Distribution (ORD). He joined Oracle's Data Mining Technologies group in 1999 through the acquisition of Thinking Machines Corp. Mark holds a bachelor's degree from Rutgers University and a master's degree from Brown University, both in computer science.

Khader Mohiuddin is the Big Data Lead for North Americas Central Region at Oracle. Khader worked at Oracle for 6 years, then Sun Microsystems for 6 years, 3 years at Accenture and re-joined Oracle in 2010. In his current role, Khader applies his 20 years of enterprise software, hardware, and industry consulting expertise to architect Big Data solutions that solve the most complex business problems for customers.

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From reader reviews:

Kevin Swafford:

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Elmer August:

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every day to reading a reserve. The book Oracle Big Data Handbook (Oracle Press) it is very good to read. There are a lot of those who recommended this book. These people were enjoying reading this book. Should you did not have enough space to develop this book you can buy the e-book. You can m0ore simply to read this book out of your smart phone. The price is not too costly but this book offers high quality.

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