Hadoop Essentials - Tackling the Challenges of Big Data with Hadoop

Shiva Achari

Hadoop Essentials - Tackling the Challenges of Big Data with Hadoop

Shiva Achari

Hadoop Essentials - Tackling the Challenges of Big Data with Hadoop Shiva Achari

Key Features

- Get to grips with the most powerful tools in the Hadoop ecosystem, including Storm and Spark
- Learn everything you need to take control of Big Data
- A fast-paced journey through the key features of Hadoop

Book Description

This book jumps into the world of Hadoop and its tools, to help you learn how to use them effectively to optimize and improve the way you handle Big Data.

Starting with the fundamentals Hadoop YARN, MapReduce, HDFS, and other vital elements in the Hadoop ecosystem, you will soon learn many exciting topics such as MapReduce patterns, data management, and real-time data analysis using Hadoop. You will also explore a number of the leading data processing tools including Hive and Pig, and learn how to use Sqoop and Flume, two of the most powerful technologies used for data ingestion. With further guidance on data streaming and real-time analytics with Storm and Spark, *Hadoop Essentials* is a reliable and relevant resource for anyone who understands the difficulties - and opportunities - presented by Big Data today.

With this guide, you'll develop your confidence with Hadoop, and be able to use the knowledge and skills you learn to successfully harness its unparalleled capabilities.

What you will learn

- Get to grips with the fundamentals of Hadoop, and tools such as HDFS, MapReduce, and YARN
- Learn how to use Hadoop for real-world Big Data projects
- Improve the performance of your Big Data architecture
- Find out how to get the most from data processing tools such as Hive and Pig
- Learn how to unlock real-time Big Data analytics with Apache Spark

About the Author

Shiva Achari has more than 8 years of extensive industry experience and is currently working as a Big Data Architect consultant with companies such as Oracle and Teradata. Over the years, he has architected, designed, and developed multiple innovative and high-performance large-scale solutions, such as distributed systems, data centers, big data management tools, SaaS cloud applications, Internet applications, and Data Analytics solutions.

Table of Contents

3. Pillars of Hadoop – HDFS, MapReduce, and YARN
4. Data Access Components – Hive and Pig
5. Storage Component – HBase
6. Data Ingestion in Hadoop – Sqoop and Flume
7. Streaming and Real-time Analysis – Storm and Spark

Download and Read Free Online Hadoop Essentials - Tackling the Challenges of Big Data with Hadoop Shiva Achari

---

From reader reviews:

Carrie Wakefield:

In other case, little individuals like to read book Hadoop Essentials - Tackling the Challenges of Big Data with Hadoop. You can choose the best book if you'd prefer reading a book. Provided that we know about how is important a book Hadoop Essentials - Tackling the Challenges of Big Data with Hadoop. You can add understanding and of course you can around the world by just a book. Absolutely right, due to the fact from book you can recognize everything! From your country until eventually foreign or abroad you will be known. About simple thing until wonderful thing you may know that. In this era, we could open a book or perhaps searching by internet product. It is called e-book. You may use it when you feel bored to go to the library. Let's examine.

Derek Wire:

Your reading sixth sense will not betray a person, why because this Hadoop Essentials - Tackling the Challenges of Big Data with Hadoop reserve written by well-known writer who knows well how to make book which might be understand by anyone who else read the book. Written within good manner for you, dripping every ideas and writing skill only for eliminate your own hunger then you still skepticism Hadoop Essentials - Tackling the Challenges of Big Data with Hadoop as good book but not only by the cover but also by content. This is one reserve that can break don't determine book by its deal with, so do you still needing a different sixth sense to pick this!? Oh come on your studying sixth sense already told you so why you have to listening to another sixth sense.

Doris McNeal:

Beside that Hadoop Essentials - Tackling the Challenges of Big Data with Hadoop in your phone, it may give you a way to get more close to the new knowledge or information. The information and the knowledge you may got here is fresh through the oven so don't end up being worry if you feel like an outdated people live in narrow community. It is good thing to have Hadoop Essentials - Tackling the Challenges of Big Data with Hadoop because this book offers to you readable information. Do you at times have book but you seldom get what it's all about. Oh come on, that will not end up to happen if you have this in the hand. The Enjoyable agreement here cannot be questionable, such as treasuring beautiful island. So do you still want to miss that? Find this book along with read it from right now!

James Bassler:

A lot of people said that they feel fed up when they reading a e-book. They are directly felt this when they get a half regions of the book. You can choose the book Hadoop Essentials - Tackling the Challenges of Big Data with Hadoop to make your own personal reading is interesting. Your own personal skill of reading expertise is developing when you including reading. Try to choose simple book to make you enjoy to study it and mingle the sensation about book and examining especially. It is to be first opinion for you to like to start

a book and study it. Beside that the reserve Hadoop Essentials - Tackling the Challenges of Big Data with Hadoop can to be your friend when you're truly feel alone and confuse with the information must you're doing of the time.

Download and Read Online Hadoop Essentials - Tackling the Challenges of Big Data with Hadoop Shiva Achari #KJWD0UI147T

Read Hadoop Essentials - Tackling the Challenges of Big Data with Hadoop by Shiva Achari for online ebook

Hadoop Essentials - Tackling the Challenges of Big Data with Hadoop by Shiva Achari Free PDF d0wnl0ad, audio books, books to read, good books to read, cheap books, good books, online books, books online, book reviews epub, read books online, books to read online, online library, greatbooks to read, PDF best books to read, top books to read Hadoop Essentials - Tackling the Challenges of Big Data with Hadoop by Shiva Achari books to read online.

Online Hadoop Essentials - Tackling the Challenges of Big Data with Hadoop by Shiva Achari ebook PDF download

Hadoop Essentials - Tackling the Challenges of Big Data with Hadoop by Shiva Achari Doc

Hadoop Essentials - Tackling the Challenges of Big Data with Hadoop by Shiva Achari Mobipocket

Hadoop Essentials - Tackling the Challenges of Big Data with Hadoop by Shiva Achari EPub