



Big Data Analytics with Spark: A Practitioner's Guide to Using Spark for Large Scale Data Analysis

Mohammed Guller

Download now

Read Online ➔

[Click here](#) if your download doesn't start automatically

Big Data Analytics with Spark: A Practitioner's Guide to Using Spark for Large Scale Data Analysis

Mohammed Guller

Big Data Analytics with Spark: A Practitioner's Guide to Using Spark for Large Scale Data Analysis

Mohammed Guller

Big Data Analytics with Spark is a step-by-step guide for learning Spark, which is an open-source fast and general-purpose cluster computing framework for large-scale data analysis. You will learn how to use Spark for different types of big data analytics projects, including batch, interactive, graph, and stream data analysis as well as machine learning. In addition, this book will help you become a much sought-after Spark expert.

Spark is one of the hottest Big Data technologies. The amount of data generated today by devices, applications and users is exploding. Therefore, there is a critical need for tools that can analyze large-scale data and unlock value from it. Spark is a powerful technology that meets that need. You can, for example, use Spark to perform low latency computations through the use of efficient caching and iterative algorithms; leverage the features of its shell for easy and interactive Data analysis; employ its fast batch processing and low latency features to process your real time data streams and so on. As a result, adoption of Spark is rapidly growing and is replacing Hadoop MapReduce as the technology of choice for big data analytics.

This book provides an introduction to Spark and related big-data technologies. It covers Spark core and its add-on libraries, including Spark SQL, Spark Streaming, GraphX, and MLlib. *Big Data Analytics with Spark* is therefore written for busy professionals who prefer learning a new technology from a consolidated source instead of spending countless hours on the Internet trying to pick bits and pieces from different sources.

The book also provides a chapter on Scala, the hottest functional programming language, and the program that underlies Spark. You'll learn the basics of functional programming in Scala, so that you can write Spark applications in it.

What's more, *Big Data Analytics with Spark* provides an introduction to other big data technologies that are commonly used along with Spark, like Hive, Avro, Kafka and so on. So the book is self-sufficient; all the technologies that you need to know to use Spark are covered. The only thing that you are expected to know is programming in any language.

There is a critical shortage of people with big data expertise, so companies are willing to pay top dollar for people with skills in areas like Spark and Scala. So reading this book and absorbing its principles will provide a boost—possibly a big boost—to your career.

What you'll learn


- 1) Interactively analyze large-scale data with Spark

- 2) Write Spark applications in Scala for analyzing large-scale data in batch mode
- 3) Use Spark SQL to analyze large-scale data using standard SQL and Hive Query Language
- 4) Analyze large volume of stream data with Spark Streaming
- 5) Develop machine learning applications with MLlib
- 6) Deploy Spark in a variety of situations

Who this book is for

Big Data Analytics with Spark is for data scientists, business analysts, data architects, and data analysts looking for a better and faster tool for large-scale data analysis. It is also for software engineers and developers building Big Data products.

 [Download Big Data Analytics with Spark: A Practitioner's Guide t ...pdf](#)

 [Read Online Big Data Analytics with Spark: A Practitioner's Guide ...pdf](#)

Download and Read Free Online Big Data Analytics with Spark: A Practitioner's Guide to Using Spark for Large Scale Data Analysis Mohammed Guller

Download and Read Free Online Big Data Analytics with Spark: A Practitioner's Guide to Using Spark for Large Scale Data Analysis Mohammed Guller

From reader reviews:

Edward Knudsen:

Have you spare time for any day? What do you do when you have a lot more or little spare time? Yes, you can choose the suitable activity regarding spend your time. Any person spent their very own spare time to take a walk, shopping, or went to the actual Mall. How about open or even read a book entitled Big Data Analytics with Spark: A Practitioner's Guide to Using Spark for Large Scale Data Analysis? Maybe it is for being best activity for you. You understand beside you can spend your time with your favorite's book, you can wiser than before. Do you agree with it has the opinion or you have different opinion?

Randy Scott:

Now a day those who Living in the era everywhere everything reachable by interact with the internet and the resources in it can be true or not demand people to be aware of each facts they get. How a lot more to be smart in getting any information nowadays? Of course the answer then is reading a book. Looking at a book can help folks out of this uncertainty Information specifically this Big Data Analytics with Spark: A Practitioner's Guide to Using Spark for Large Scale Data Analysis book since this book offers you rich details and knowledge. Of course the data in this book hundred per cent guarantees there is no doubt in it you probably know this.

Ronald Jackson:

Spent a free time to be fun activity to do! A lot of people spent their leisure time with their family, or their very own friends. Usually they accomplishing activity like watching television, gonna beach, or picnic within the park. They actually doing same every week. Do you feel it? Will you something different to fill your free time/ holiday? Might be reading a book could be option to fill your cost-free time/ holiday. The first thing you will ask may be what kinds of e-book that you should read. If you want to try out look for book, may be the publication untitled Big Data Analytics with Spark: A Practitioner's Guide to Using Spark for Large Scale Data Analysis can be excellent book to read. May be it could be best activity to you.

Aimee Buffington:

Many people spending their time by playing outside using friends, fun activity using family or just watching TV all day every day. You can have new activity to spend your whole day by reading a book. Ugh, do you consider reading a book will surely hard because you have to accept the book everywhere? It okay you can have the e-book, bringing everywhere you want in your Smartphone. Like Big Data Analytics with Spark: A Practitioner's Guide to Using Spark for Large Scale Data Analysis which is obtaining the e-book version. So , why not try out this book? Let's find.

**Download and Read Online Big Data Analytics with Spark: A
Practitioner's Guide to Using Spark for Large Scale Data Analysis
Mohammed Guller #2OCURLFPVH9**

Read Big Data Analytics with Spark: A Practitioner's Guide to Using Spark for Large Scale Data Analysis by Mohammed Guller for online ebook

Big Data Analytics with Spark: A Practitioner's Guide to Using Spark for Large Scale Data Analysis by Mohammed Guller 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 Big Data Analytics with Spark: A Practitioner's Guide to Using Spark for Large Scale Data Analysis by Mohammed Guller books to read online.

Online Big Data Analytics with Spark: A Practitioner's Guide to Using Spark for Large Scale Data Analysis by Mohammed Guller ebook PDF download

Big Data Analytics with Spark: A Practitioner's Guide to Using Spark for Large Scale Data Analysis by Mohammed Guller Doc

Big Data Analytics with Spark: A Practitioner's Guide to Using Spark for Large Scale Data Analysis by Mohammed Guller Mobipocket

Big Data Analytics with Spark: A Practitioner's Guide to Using Spark for Large Scale Data Analysis by Mohammed Guller EPub

Big Data Analytics with Spark: A Practitioner's Guide to Using Spark for Large Scale Data Analysis by Mohammed Guller Ebook online

Big Data Analytics with Spark: A Practitioner's Guide to Using Spark for Large Scale Data Analysis by Mohammed Guller Ebook PDF