

Spark in Action

By Petar Zecevic, Marko Bonaci

Donwload Read Online

Spark in Action By Petar Zecevic, Marko Bonaci

Summary

Spark in Action teaches you the theory and skills you need to effectively handle batch and streaming data using Spark. Fully updated for Spark 2.0.

Purchase of the print book includes a free eBook in PDF, Kindle, and ePub formats from Manning Publications.

About the Technology

Big data systems distribute datasets across clusters of machines, making it a challenge to efficiently query, stream, and interpret them. Spark can help. It is a processing system designed specifically for distributed data. It provides easy-to-use interfaces, along with the performance you need for production-quality analytics and machine learning. Spark 2 also adds improved programming APIs, better performance, and countless other upgrades.

About the Book

Spark in Action teaches you the theory and skills you need to effectively handle batch and streaming data using Spark. You'll get comfortable with the Spark CLI as you work through a few introductory examples. Then, you'll start programming Spark using its core APIs. Along the way, you'll work with structured data using Spark SQL, process near-real-time streaming data, apply machine learning algorithms, and munge graph data using Spark GraphX. For a zero-effort startup, you can download the preconfigured virtual machine ready for you to try the book's code.

What's Inside

- Updated for Spark 2.0
- Real-life case studies
- Spark DevOps with Docker
- Examples in Scala, and online in Java and Python

About the Reader

Written for experienced programmers with some background in big data or

machine learning.

About the Authors

Petar Ze?evi? and **Marko Bona?i** are seasoned developers heavily involved in the Spark community.

Table of Contents

1. Introduction to Apache Spark
2. Spark fundamentals
3. Writing Spark applications
4. The Spark API in depth PART 2 - MEET THE SPARK FAMILY
5. Sparkling queries with Spark SQL
6. Ingesting data with Spark Streaming
7. Getting smart with MLlib
8. ML: classification and clustering
9. Connecting the dots with GraphX PART 3 - SPARK OPS
10. Running Spark
11. Running on a Spark standalone cluster
12. Running on YARN and MesosPART 4 - BRINGING IT TOGETHER
13. Case study: real-time dashboard
14. Deep learning on Spark with H2O

Download Spark in Action ...pdf

Read Online Spark in Action ...pdf

Spark in Action

By Petar Zecevic, Marko Bonaci

Spark in Action By Petar Zecevic, Marko Bonaci

Summary

Spark in Action teaches you the theory and skills you need to effectively handle batch and streaming data using Spark. Fully updated for Spark 2.0.

Purchase of the print book includes a free eBook in PDF, Kindle, and ePub formats from Manning Publications.

About the Technology

Big data systems distribute datasets across clusters of machines, making it a challenge to efficiently query, stream, and interpret them. Spark can help. It is a processing system designed specifically for distributed data. It provides easy-to-use interfaces, along with the performance you need for production-quality analytics and machine learning. Spark 2 also adds improved programming APIs, better performance, and countless other upgrades.

About the Book

Spark in Action teaches you the theory and skills you need to effectively handle batch and streaming data using Spark. You'll get comfortable with the Spark CLI as you work through a few introductory examples. Then, you'll start programming Spark using its core APIs. Along the way, you'll work with structured data using Spark SQL, process near-real-time streaming data, apply machine learning algorithms, and munge graph data using Spark GraphX. For a zero-effort startup, you can download the preconfigured virtual machine ready for you to try the book's code.

What's Inside

- Updated for Spark 2.0
- Real-life case studies
- Spark DevOps with Docker
- Examples in Scala, and online in Java and Python

About the Reader

Written for experienced programmers with some background in big data or machine learning.

About the Authors

Petar Ze?evi? and **Marko Bona?i** are seasoned developers heavily involved in the Spark community.

Table of Contents

1. Introduction to Apache Spark

2. Spark fundamentals
3. Writing Spark applications
4. The Spark API in depth PART 2 - MEET THE SPARK FAMILY
5. Sparkling queries with Spark SQL
6. Ingesting data with Spark Streaming
7. Getting smart with MLlib
8. ML: classification and clustering
9. Connecting the dots with GraphX PART 3 - SPARK OPS
10. Running Spark
11. Running on a Spark standalone cluster
12. Running on YARN and MesosPART 4 - BRINGING IT TOGETHER
13. Case study: real-time dashboard
14. Deep learning on Spark with H2O

Spark in Action By Petar Zecevic, Marko Bonaci Bibliography

- Rank: #660174 in Books
- Published on: 2016-11-26
- Original language: English
- Dimensions: 9.30" h x .90" w x 7.30" l, .0 pounds
- Binding: Paperback
- 472 pages

Download Spark in Action ...pdf

Read Online Spark in Action ...pdf

Download and Read Free Online Spark in Action By Petar Zecevic, Marko Bonaci

Editorial Review

About the Author

Petar Zecevic is a CTO at SV Group. During the last 14 years he has worked on various projects as a Java developer, team leader, consultant and software specialist. He is the founder and, with Marko, organizer of popular Spark@Zg meetup group.

Marko Bonaci has worked with Java for 13 years. He works Sematext as a Spark developer and consultant. Before that, he was team lead for SV Group's IBM Enterprise Content Management team.

Users Review

From reader reviews:

Edward Upton:

This Spark in Action book is absolutely not ordinary book, you have after that it the world is in your hands. The benefit you get by reading this book is actually information inside this publication incredible fresh, you will get details which is getting deeper an individual read a lot of information you will get. This particular Spark in Action without we know teach the one who examining it become critical in thinking and analyzing. Don't possibly be worry Spark in Action can bring if you are and not make your carrier space or bookshelves' turn out to be full because you can have it in the lovely laptop even mobile phone. This Spark in Action having great arrangement in word along with layout, so you will not truly feel uninterested in reading.

Michael Beebe:

Do you certainly one of people who can't read enjoyable if the sentence chained within the straightway, hold on guys this particular aren't like that. This Spark in Action book is readable by you who hate those perfect word style. You will find the details here are arrange for enjoyable reading experience without leaving perhaps decrease the knowledge that want to offer to you. The writer regarding Spark in Action content conveys thinking easily to understand by many individuals. The printed and e-book are not different in the written content but it just different available as it. So , do you even now thinking Spark in Action is not loveable to be your top list reading book?

Dennis Green:

The event that you get from Spark in Action could be the more deep you digging the information that hide in the words the more you get thinking about reading it. It does not mean that this book is hard to understand but Spark in Action giving you enjoyment feeling of reading. The article writer conveys their point in a number of way that can be understood by means of anyone who read it because the author of this e-book is well-known enough. This kind of book also makes your current vocabulary increase well. Making it easy to

understand then can go to you, both in printed or e-book style are available. We recommend you for having this kind of Spark in Action instantly.

Maria Holder:

Your reading sixth sense will not betray you actually, why because this Spark in Action publication written by well-known writer we are excited for well how to make book which can be understand by anyone who read the book. Written in good manner for you, leaking every ideas and producing skill only for eliminate your own hunger then you still uncertainty Spark in Action as good book not only by the cover but also with the content. This is one book that can break don't evaluate book by its protect, so do you still needing one more sixth sense to pick this kind of!? Oh come on your examining sixth sense already said so why you have to listening to yet another sixth sense.

Download and Read Online Spark in Action By Petar Zecevic, Marko Bonaci #J0WI79SRALU

Read Spark in Action By Petar Zecevic, Marko Bonaci for online ebook

Spark in Action By Petar Zecevic, Marko Bonaci 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 Spark in Action By Petar Zecevic, Marko Bonaci books to read online.

Online Spark in Action By Petar Zecevic, Marko Bonaci ebook PDF download

Spark in Action By Petar Zecevic, Marko Bonaci Doc

Spark in Action By Petar Zecevic, Marko Bonaci Mobipocket

Spark in Action By Petar Zecevic, Marko Bonaci EPub