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本书于2017-07由Packt Publishing出版，作者Md. Rezaul Karim, Sridhar Alla，全书1587页。



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通过本书你将学到以下知识

- Understand object-oriented & functional programming concepts of Scala
- In-depth understanding of Scala collection APIs
- Work with RDD and DataFrame to learn Spark's core abstractions
- Analysing structured and unstructured data using SparkSQL and GraphX
- Scalable and fault-tolerant streaming application development using Spark structured streaming
- Learn machine-learning best practices for classification, regression, dimensionality reduction, and recommendation system to build predictive models with widely used algorithms in Spark MLlib & ML
- Build clustering models to cluster a vast amount of data
- Understand tuning, debugging, and monitoring Spark applications
- Deploy Spark applications on real clusters in Standalone, Mesos, and YARN

Md. Rezaul Karim,
Sridhar Alla

Scala and Spark for Big Data Analytics

Tame big data with Scala and Apache Spark!



Packt

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本书的章节

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2. OBJECT-ORIENTED SCALA
3. FUNCTIONAL PROGRAMMING CONCEPTS
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5. TACKLE BIG DATA – SPARK COMES TO THE PARTY
6. START WORKING WITH SPARK – REPL AND RDDS
7. SPECIAL RDD OPERATIONS
8. INTRODUCE A LITTLE STRUCTURE - SPARK SQL
9. STREAM ME UP, SCOTTY - SPARK STREAMING
10. EVERYTHING IS CONNECTED - GRAPHX
11. LEARNING MACHINE LEARNING - SPARK MLLIB AND SPARK ML
12. ADVANCED MACHINE LEARNING BEST PRACTICES
13. MY NAME IS BAYES, NAIVE BAYES

14. TIME TO PUT SOME ORDER - CLUSTER YOUR DATA WITH SPARK MLLIB
15. TEXT ANALYTICS USING SPARK ML
16. SPARK TUNING
17. TIME TO GO TO CLUSTERLAND - DEPLOYING SPARK ON A CLUSTER
18. TESTING AND DEBUGGING SPARK
19. PYSARK AND SPARKR
20. ACCELERATING SPARK WITH ALLUXIO
21. INTERACTIVE DATA ANALYTICS WITH APACHE ZEPPELIN

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