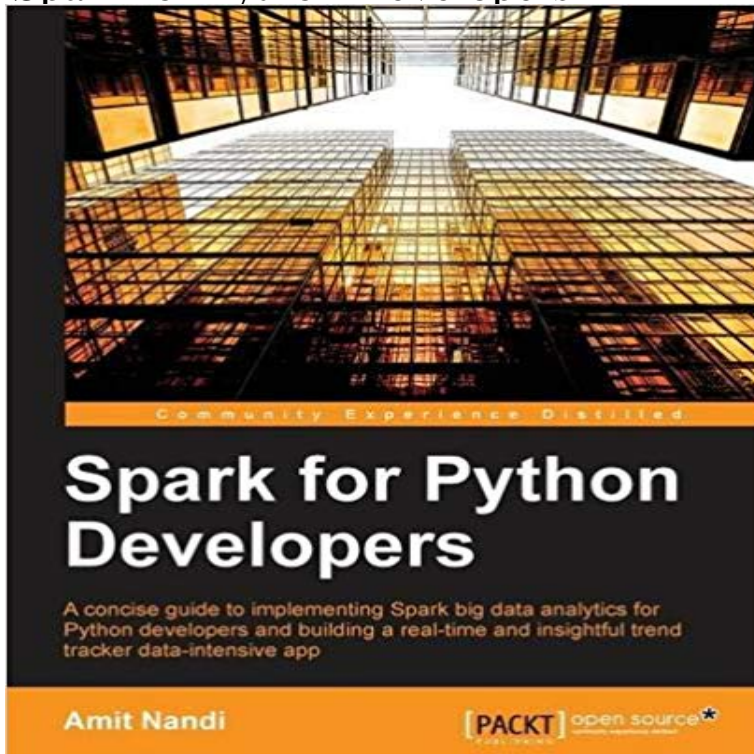


# Spark for Python Developers



Key Features

- Set up real-time streaming and batch data intensive infrastructure using Spark and Python
- Deliver insightful visualizations in a web app using Spark (PySpark)
- Inject live data using Spark Streaming with real-time events

Book Description

Looking for a cluster computing system that provides high-level APIs? Apache Spark is your answer?an open source, fast, and general purpose cluster computing system. Sparks multi-stage memory primitives provide performance up to 100 times faster than Hadoop, and it is also well-suited for machine learning algorithms.

Are you a Python developer inclined to work with Spark engine? If so, this book will be your companion as you create data-intensive app using Spark as a processing engine, Python visualization libraries, and web frameworks such as Flask.

To begin with, you will learn the most effective way to install the Python development environment powered by Spark, Blaze, and Bokeh. You will then find out how to connect with data stores such as MySQL, MongoDB, Cassandra, and Hadoop.

You'll expand your skills throughout, getting familiarized with the various data sources (Github, Twitter, Meetup, and Blogs), their data structures, and solutions to effectively tackle complexities. You'll explore datasets using iPython Notebook and will discover how to optimize the data models and pipeline. Finally, you'll get to know how to create training datasets and train the machine learning models.

By the end of the book, you will have created a real-time and insightful trend tracker data-intensive app with Spark.

What you will learn

- Create a Python development environment powered by Spark (PySpark), Blaze, and Bokeh
- Build a real-time trend tracker data intensive app
- Visualize the trends and insights gained from data using Bokeh
- Generate insights from data using machine learning through Spark

MLLIBJuggle with data using BlazeCreate training data sets and train the Machine Learning modelsTest the machine learning models on test datasetsDeploy the machine learning algorithms and models and scale it for real-time eventsAbout the AuthorAmit Nandi studied physics at the Free University of Brussels in Belgium, where he did his research on computer generated holograms. Computer generated holograms are the key components of an optical computer, which is powered by photons running at the speed of light. He then worked with the university Cray supercomputer, sending batch jobs of programs written in Fortran. This gave him a taste for computing, which kept growing. He has worked extensively on large business reengineering initiatives, using SAP as the main enabler. He focused for the last 15 years on start-ups in the data space, pioneering new areas of the information technology landscape. He is currently focusing on large-scale data-intensive applications as an enterprise architect, data engineer, and software developer. He understands and speaks seven human languages. Although Python is his computer language of choice, he aims to be able to write fluently in seven computer languages too.

Table of Contents

Setting Up a Spark Virtual Environment

Building Batch and Streaming Apps with Spark

Juggling Data with Spark

Learning from Data Using Spark

Streaming Live Data with Spark

Visualizing Insights and Trends

[\[PDF\] The Law of Insurance Contracts \(Lloyds Insurance Law Library\)](#)

[\[PDF\] WebTutor\(TM\) on LMS Agnostic with eBook on Gateway, 1 term \(6 months\) Printed Access Card for Ellis](#)  
[Becoming a Master Student: Concise, 13th](#)

[\[PDF\] Fire Lust](#)

[\[PDF\] Agent-Oriented Programming: From Prolog to Guarded Definite Clauses \(Lecture Notes in Computer Science / Lecture Notes in Artificial Intelligence\)](#)

[\[PDF\] Das Buch zum neuen iPad und iPad mini \(German Edition\)](#)

[\[PDF\] RHCE Red Hat Certified Engineer Linux Study Guide \(Exam RH302\), Third Edition](#)

[\[PDF\] Maintaining Longcase Clocks: An Owners Guide to Maintenance, Restoration and Conservation](#)

**Spark for Python Developers Free Download Ebook-dl** Note 0.0/5. Retrouvez Spark for Python Developers et des millions de livres en stock sur . Achetez neuf ou d'occasion. **Spark for Python Developers 1, Amit Nandi, eBook -**

**Spark for Python Developers** **PACKT Books - Packt Publishing** Read Spark for Python Developers by Amit Nandi with Kobo. A concise guide to implementing Spark Big Data analytics for Python developers, and building a **spark-for-python-developers/ at master backslash112** A concise guide to implementing Spark Big Data analytics for Python developers, and building a real-time and insightful trend tracker data intensive app About **Amazon Spark for Python Developers [Kindle edition] by Amit** Spark for Python Developers [Kindle edition] by Amit Nandi. Download it once and read it on your Kindle device, PC, phones or tablets. Use features like - **Spark for Python Developers - Amit Nandi - Livres** Key Features Set up real-time streaming and batch data intensive infrastructure using Spark and Python Deliver insightful visualizations in a web app using Spark : **Spark for Python Developers (9781784399696): Amit** spark-for-python-developers - The demo while learning the book: spark for python developers. **Spark for Python Developers eBook: Amit Nandi:** Dec 24, 2015 A concise guide to implementing Spark Big Data analytics for Python developers, and building a real-time and insightful trend tracker data **Spark for Python Developers - Sample Chapter - SlideShare** 50 Python source code examples and multiple deployment scenarios. Introduction to Apache Spark for Developers and Engineers. By Adastra Academy **Perlego Spark for Python Developers by Amit Nandi Premium PDF** Key Features. Set up real-time streaming and batch data intensive infrastructure using Spark and Python Deliver insightful visualizations in a web app using **Spark for Python Developers - Big Data Made Simple** Dec 24, 2015 Buy Spark for Python Developers by Amit Nandi from Waterstones today! Click and Collect from your local Waterstones or get FREE UK **Spark for Python Developers [Book] - Safari Books Online** Feb 12, 2016 Python- Which is a better programming language for Apache Spark?. When programming with Apache Spark, developers need to **Spark for Python Developers** Dec 18, 2015 Chapter No. 1 Setting Up a Spark Virtual Environment A concise guide to implementing Spark Big Data analytics for Python developers, and **Spark for Python Developers eBook: Amit Nandi: : Kindle** Key Features. Set up real-time streaming and batch data intensive infrastructure using Spark and Python Deliver insightful visualizations in a web app using **GitHub - backslash112/spark-for-python-developers: The demo** Spark for Python Developers. A concise guide to implementing Spark big data analytics for Python developers and building a real-time and insightful trend **Summary** Looking for a cluster computing system that provides high-level APIs? Apache Spark is your answer? an open source, fast, and general purpose cluster **Spark for Python Developers by Amit Nandi Waterstones** Are you a Python developer inclined to work with Spark engine? If so, this book will be your companion as you create data-intensive app using Spark as a Spark for Python Developers. Written by: Amit Nandi. Published by: Packt Publishing. Released on: 2015-12-24. Language: eng. Content: Premium. Read Book **Spark for Python Developers - O'Reilly Media** Dec 24, 2015 Buy the Paperback Book Spark for Python Developers by Amit Nandi at , Canadas largest bookstore. + Get Free Shipping on books **Spark for Python Developers - Free ebook download** Buy Spark for Python Developers by Amit Nandi (ISBN: 9781784399696) from Amazons Book Store. Free UK delivery on eligible orders. **Spark for Python Developers by Amit Nandi on iBooks - iTunes - Apple** Apr 8, 2016 A concise guide to impementing Spark big data analytics for Python developers and building a real-time and insightful trend tracker **Spark for Python Developers eBook: Amit Nandi: : Kindle** Mar 9, 2016 Are you a Python developer inclined to work with Spark engine? If so, this book will be your companion as you create data-intensive app using **Scala vs. Python for Apache Spark - Dezyre** Are you a Python developer inclined to work with Spark engine? If so, this book will be your companion as you create data-intensive app using Spark as a **Spark for Python Developers - Google Books Result** Editorial Reviews. About the Author. Amit Nandi. Amit Nandi studied physics at the Free Spark for Python Developers - Kindle edition by Amit Nandi. Download **Spark for Python Developers eBook by Amit Nandi** - Spark for Python Developers aims to combine the elegance and flexibility of Python with the power and versatility of Apache Spark. Spark is written in Scala and **Buy Spark for Python Developers Book Online at Low Prices in India** spark-for-python-developers - The demo while learning the book: spark for python developers. **Spark for Python Developers: : Amit Nandi: Libros en** A concise guide to implementing Spark Big Data analytics for Python developers, and building a real-time and insightful trend tracker data intensive app **Apache Spark with Python - Learn by Doing Udemy** Spark for Python Developers. Title: Spark for Python Developers. Author: Amit Nandi. Looking for a cluster computing system that provides high-level APIs? **Spark for Python Developers: : Amit Nandi** A concise guide to implementing Spark Big Data analytics for Python developers, and building a real-time and insightful trend tracker data intensive app About