DevOpsSchool

Course curriculum · November 2026

LEVEL 01 OF 04 · FOUNDATION

Scala With Spark Foundation Training

Install Scala, use the REPL and IntelliJ IDEA, and write functional Scala with values, functions, classes and case classes.

LIVE ONLINE **Max 8-10 hours**	CORPORATE (DAY-WISE) **1 day · Day 1**	SELF-PACED VIDEO **1-year LMS access**
BATCH SIZE **Max 10 learners**	NEXT BATCHES **1st of every month · weekends: first Saturday**	CERTIFICATE **Verifiable certificate of completion**

Foundation	Essential	Intermediate	Advanced
1 day · This curriculum	2 days · Next step	3 days · Later	5 days · Later

INSIDE THIS CURRICULUM

What you will achieve	Outcomes and level focus
Who should attend	Audience and prerequisites
Agenda	12 topics · Foundation
Hands-on labs	1 lab
Formats and fees	Live, 1:1, self-paced, corporate
Trainer and reviews	Rajesh Kumar
Enrolment	Batches, payment, contacts

WHY DEVOPSSCHOOL

- Rated 4.6 on Google
- 1,500+ verifiable certificates issued in the public registry
- Trainer Rajesh Kumar: 20 years in industry
- Small batches: max 10 learners, every session recorded

Course page: www.devopsschool.com/courses/scala/scala-with-spark-foundation-training.html
Talk to us: WhatsApp +91 99057 40781 · +1 (469) 756-6329 · contact@DevOpsSchool.com · reply within 1 hour

OUTCOMES

What you will achieve

By the end of the Scala With Spark course path, you will be able to:

1

Write functional Scala

Write safe, immutable Scala using functions, case classes, pattern matching and collections.

2

Design robust Scala code

Combine traits, closures, implicits and Futures to build reusable, concurrent libraries.

3

Process big data with Spark

Build, run and tune Spark applications in Scala on standalone, YARN, EMR and Kubernetes clusters.

WHAT THE FOUNDATION LEVEL ADDS

Scala setup, functional basics, functions and classes

Hands-on: Write a functional Scala program. Set up an sbt project in IntelliJ IDEA, model data with case classes and companion objects, and process it with pure, higher-order functions.

WHO SHOULD ATTEND

- Beginners and working professionals who are new to Scala With Spark and want a solid, hands-on start.
- Engineers, analysts, testers and students preparing to use Scala With Spark on real work.
- Leads and managers who want first-hand familiarity with Scala With Spark.

BEFORE YOU START

- No prior Scala With Spark experience is needed.
- Basic computer skills and a laptop with a stable internet connection for the live sessions and labs.
- This curriculum includes every earlier level, so it is complete on its own.

AGENDA · FOUNDATION

Scala With Spark Foundation Training agenda

12 topics. Each level builds on the one before it, so this curriculum lists every earlier level in full. Days are for corporate (day-wise) delivery; live online batches cover the same agenda in max 8-10 hours.

DAY 1 — Foundation: Scala setup, functional basics, functions and classes

New at this level

1. Introduction to Scala: overview, why learn Scala and what you will learn, Scala 2.13 vs Scala 3
2. Installation: JDK, Coursier and the scala command (Scala CLI), sbt, the Scala REPL and IntelliJ IDEA
3. Functional programming concepts: immutability and expressions vs statements
4. Functions in FP: pure and impure functions, referential transparency and higher-order functions
5. First interaction with Scala: REPL, variables and values (var vs val), type inference
6. Control flow: conditionals as expressions and loops with for and while
7. Functions: structure of a function, parameters, return types and anonymous functions
8. Higher-order functions in practice: passing and returning functions
9. Classes: structure of classes, constructors, fields and methods
10. Companion objects: creating objects using apply and factory methods
11. Case classes: equality, copy, toString and immutability by default
12. Standalone programs: launching programs extending App and the @main annotation in Scala 3

PRACTICE

Hands-on labs

You build these yourself during the course, guided by the trainer.

FOUNDATION

Write a functional Scala program

Set up an sbt project in IntelliJ IDEA, model data with case classes and companion objects, and process it with pure, higher-order functions.

HOW YOU CAN LEARN

Formats and fees

The same agenda in four formats. Fees are in Indian rupees as of November 2026; the course page shows them in your currency.

FORMAT	DURATION	WHAT YOU GET	FEE
Live & interactive (online)	Max 8-10 hours	Instructor-led public batch of max 10 learners with demos, labs, Q&A and assignment review. Weekday batches start on the 1st of every month, weekend batches on the first Saturday of every month.	**INR 34,999**
1:1 live training (online)	Max 8-10 hours, one-to-one	The same agenda, taught one-to-one by the trainer. Starts immediately, without waiting for the next batch; sessions planned around your working hours, at your pace.	**INR 99,999**
Self-paced video	1-year LMS access	All four Scala With Spark levels, plus 20+ more courses and 50+ tools, at your own pace.	**INR 833/month** billed yearly at INR 9,996
Corporate (day-wise)	1 day for this level	A private batch for your team, on demand. Foundation 1 day, Essential 2, Intermediate 3, Advanced 5 (cumulative).	**Quote on request**

ASSESSMENT AND CERTIFICATE

Your progress is checked through hands-on labs and assignments at every level. On completion you receive a DevOpsSchool certificate of completion with a unique credential ID that anyone can verify at devopsschool.com/certificates.

INCLUDED WITH EVERY LIVE BATCH

- Every live session is recorded and stays in your LMS for a year.
- Can't attend your batch? Move to next month's batch.
- Free demo class before you pay.
- Free 10-15 minute call with an advisor or the trainer to check the course fits you.

YOUR TRAINER

Learn from Rajesh Kumar

Principal Architect, trainer and mentor in DevOps, SRE, DevSecOps and platform engineering, with 20 years across 8+ software MNCs, including Staff DevOps/SRE Engineer for a leading Japanese mobile-payment platform and Principal DevOps Architect and Manager in Europe.

Profile: www.rajeshkumar.xyz · Videos: youtube.com/@TheDevOpsSchool

20 years in industry	**200+** corporate trainings
10,000+ engineers mentored	**70+** organisations coached

REVIEWS

What learners say

Rated 4.6 on Google · more reviews at devopsschool.com/testimonials and in our video testimonials.

> “Rajesh is very good trainer. Rajesh was able to resolve our queries and question effectively. We really liked the hands-on examples covered during this training program.”
>
> Indrayani, India

> “The training was very useful and interactive. Rajesh helped develop the confidence of all.”
>
> Abhinav Gupta, Pune

START YOUR SCALA WITH SPARK TRAINING

Join the next batch

Weekday batches start on the 1st of every month and weekend batches on the first Saturday of every month, with max 10 learners each. 1:1 training can start immediately; corporate batches run on demand. We reply within 1 hour.

Pay by UPI, credit and debit cards, net banking or PayPal. Before you pay, read our refund policy. All levels of this course: www.devopsschool.com/courses/scala/

ENROL OR RESERVE A SEAT
Scala With Spark Foundation Training

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Next step after this level: Scala With Spark Essential Training - Handle absence and errors safely, use pattern matching and the collections library, and write asynchronous code with Futures.