INVENTATEQ
LEARN SKILLS • GET PLACED

MASTER SPARK SCALA
COURSE With Placement

Build In-Demand Professional Expertise with Real-Time Hands-on Spark Scala Training

BEST RATED ON TOP PLATFORMS

Google Reviews ★★★★★ | Trustpilot ★★★★★ | Sulekha ★★★★★

COURSE BENEFITS

- ✓ 100% Practical & Real-Time Hands-on Labs
- ✓ End-to-End Capstone Implementation Projects
- ✓ Industry Recognized Certification Preparation
- ✓ 100% Dedicated Placement Support in MNC's & Mock Interviews

15+ YEARS OF EXCELLENCE | **500+** HIRING PARTNERS | **25K** STUDENTS TRAINED | **15K** STUDENTS PLACED

Chat on WhatsApp
FREE Career Counselling
+91 85500 00909

YOUR FUTURE
STARTS HERE !

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ARE YOU FACING THESE CHALLENGES ?

- Still searching for your first job after graduation?
- Worried about the Gap? And don't know how to start your career?
- Stuck in a low-salary job? and seeking for better growth opportunities?
- Fear of switching to an IT career from a non-IT background
- Not getting interview calls despite applying to 100+ jobs?

TOO MUCH THEORY
NO PROJECTS
SKILL GAP
NO GUIDANCE
?

How Inventateq Helps You

Waiting Ends. Careers Begin.
Build job-ready skills. Start applying with confidence.

Turns Gaps into Comebacks
Close skill gaps. Rebuild your career

Break Free. Move Forward
Learn in-demand skills. Take your next career step.

Doubt Out. Confidence In.
Practice real skills. Walk into interviews prepared.

Turn Rejections into Chances
Turn every setback into skills employers value.

Be Smart Learn AI
Learn AI tools. Work smarter. Stay updated

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ABOUT INVENTATEQ

Inventateq is a leading IT training and placement company committed to transforming learners into Industry ready professionals

Our Mission
To deliver high-quality education, practical slots and career opportunities that empower individuals to achieve their dreams

Our Vision
To be a globally recognised training company known for innovation, quality and impactful learner outcomes.

Why Thousands Choose Inventateq?

15+ Years of Excellence | **500+** Hiring Partners | **25,000+** Students Trained | **15,000+** Students Placed

We Collaborate With

Deloitte. Capgemini amazon HCL Tech Mahindra

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WHY LEARN SPARK SCALA ?

Enterprises worldwide are actively hiring certified Spark Scala professionals to drive critical business operations, digital transformation, and modernization.

CAREER SCOPE OF SPARK SCALA

Exponential Industry Demand
Rapid enterprise adoption across global IT firms, MNCs, and technology centers

Premium Salary Compensation
Command competitive compensation packages with rapid growth milestones

Cross-Industry Opportunities
Versatile skill set applicable across technology, consulting, finance, and core sectors

Future-Proof Career Growth
Long-term job security supported by ongoing digital modernization and tooling investment

Global Certification Pathways
Direct alignment with recognized industry certifications to validate your competence

Worldwide Job Prospects
Open doors to roles in major Indian tech hubs as well as international remote positions

INDUSTRY-RECOGNIZED CERTIFICATION

INVENTATEQ
CERTIFICATE
OF ACHIEVEMENT
This Certificate is proudly present to
Gaurang Ahirwar
has successfully completed the Python Course and demonstrated outstanding performance, achieving an A Grade.
This certificate recognizes the successful completion of the program requirements during the period from August 01, 2026 - August 18, 2026
scan to verify
ISO
SIGNATURE

QR Verified | Globally Valid | ISO 9001:2015

Direct Business Impact. Fast-Growing Industry Demand. High Career Mobility.

Average Spark Scala Engineer Salary in India
₹5.5 LPA – ₹18 LPA

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WHY INVENTATEQ ?

Because we have placed over 15,000+ students and we can place you as well

STUDENT PLACEMENTS

- ✓ 100% Placement Assurance Support
- ✓ 500+ Top Tech Hiring Partners
- ✓ Resume & LinkedIn Optimization
- ✓ Industry Mock Technical Interviews
- ✓ Unlimited Interview Calls Until Placed

COURSE & PLACEMENT VIDEOS

Student Genuine Feedback
Inventateq Reviews & Student Genuine Feed...
Inventateq Bangalore Reviews
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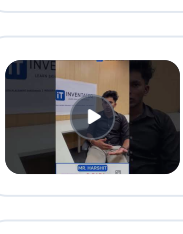

Practical Training Success
9.5 LPA Career Success in AI!...
Industry Tech Career
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Placement Story
Tableau Training in Bangalore, Learn Tableau...
Campus to MNC Offer
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Interview Skills & Growth
Bigdata Course in Bangalore, Best Hadoop Trai...
Free Student Masterclass
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> At Inventateq, Your Success is Our Mission !

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GUARANTEED PLACEMENT SUPPORT

We don't just teach, we prepare you for the real world!

- ✓ Aptitude Training
- ✓ Technical Training
- ✓ Mock Interviews
- ✓ HR Interview Preparation
- ✓ Resume Preparation
- ✓ Cover Letter Preparation
- ✓ LinkedIn Profile Optimisation
- ✓ Job Portal Access
- ✓ Placement Drives & Hiring Events

OUR RECRUITMENT PARTNERS

TATA | Infosys | wipro | Capgemini | Tech Mahindra | LARSEN & TOUBRO | HCL TECH | accenture

OUR PLACEMENT STATS

Our placement record reflects consistent growth, with students securing opportunities across leading companies in diverse industries.

15,000+ Students Placed | **500+** Companies Hired | **95%** Placement Ratio | **6 LPA** Average Package

Check Most Recent Placements

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CAREER PROGRESSION

Job responsibilities, technical competency and portfolio evidence for each role.

ROLE PATHWAY	TYPICAL RESPONSIBILITIES	PORTFOLIO PROOF
Spark Scala Associate	Manage core Big Data tasks, configure tooling, and support delivery.	Practical Big Data setup files, exercise scripts, and documentation.
Spark Scala Specialist	Build practical Object-Oriented workflows, implement features, and resolve issues.	Functional Object-Oriented modules, workflow configs, and practical deliverables.
Senior Spark Scala Lead	Lead Spark Scala technical delivery, design solutions, and set standards.	Complete Spark Scala capstone artifacts, technical blueprints, and reports.

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SKILLS ROADMAP

Progress from core foundations to production-ready enterprise workflows.

MILESTONE	PRACTICAL OUTPUT	REVIEW EVIDENCE
Milestone 1 (Foundations)	Master fundamental Big Data concepts, environment setup, and tools.	Configured Big Data workspace and verified practice exercises.
Milestone 2 (Implementation)	Develop practical Object-Oriented workflows and functional domain modules.	Working Object-Oriented project modules and validated practice outputs.
Milestone 3 (Advanced Workflows)	Implement advanced Spark Streaming features, integrations, and optimizations.	Validated Spark Streaming configurations and technical review outputs.
Milestone 4 (Production Capstone)	Deliver an end-to-end Spark Scala capstone project and technical review.	Complete Spark Scala project portfolio artifact and defense.

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DETAILED MODULE PLAN

11 in-depth modules • 3 Months Duration • Hands-on practical training

1 Module 1: Introduction to Big Data

- What is Big Data?
- Big Data Ecosystem
- Hadoop vs Spark
- Introduction to Apache Spark
- Spark Architecture Overview

GUIDED LAB
Log in to the system, practice basic navigation, and complete your first Big Data exercise.

INTERVIEW & ASSESSMENT
Explain what Big Data is used for and why companies choose it in simple words.

2 Module 2: Scala Fundamentals

- Introduction to Scala
- Variables and Data Types
- Control Structures
- Functions in Scala
- Collections (List, Map, Set, Array)

GUIDED LAB
Create and update lists and dictionaries to store and search customer records.

INTERVIEW & ASSESSMENT
Explain the difference between a list and a dictionary in simple everyday terms.

3 Module 3: Object-Oriented & Functional Scala

- Classes and Objects
- Inheritance and Traits
- Functional Programming Concepts
- Higher-Order Functions
- Immutability Concepts

GUIDED LAB
Create a simple class model representing real-world items and test object creation.

INTERVIEW & ASSESSMENT
Explain what a class and an object are using a real-world example like a car.

4 Module 4: Spark Core Concepts

- Spark Architecture Deep Dive
- RDD (Resilient Distributed Datasets)
- Transformations and Actions
- Lazy Evaluation
- Partitioning and Caching

GUIDED LAB
Complete a guided practical exercise on Spark Architecture Deep Dive and verify your results.

INTERVIEW & ASSESSMENT
Explain the core purpose of Spark Architecture Deep Dive and how you use it in real job roles.

5 Module 5: Spark SQL

- DataFrames and Datasets
- SQL Queries in Spark
- Schema Management
- Data Sources (CSV, JSON, Parquet)
- Spark SQL Optimization

GUIDED LAB
Complete a guided practical exercise on DataFrames and Datasets and verify your results.

INTERVIEW & ASSESSMENT
Explain the core purpose of DataFrames and Datasets and how you use it in real job roles.

6 Module 6: Spark Streaming

- Real-Time Data Processing
- DStreams and Structured Streaming
- Window Operations
- Stream Processing Architecture
- Fault Tolerance

GUIDED LAB
Complete a guided practical exercise on Real-Time Data Processing and verify your results.

INTERVIEW & ASSESSMENT
Explain the core purpose of Real-Time Data Processing and how you use it in real job roles.

7 Module 7: Spark MLlib (Machine Learning)

- Introduction to Machine Learning in Spark
- Data Preprocessing
- Classification and Regression
- Clustering Techniques
- Model Evaluation

GUIDED LAB
Complete a guided practical exercise on Machine Learning in Spark and verify your results.

INTERVIEW & ASSESSMENT
Explain the core purpose of Machine Learning in Spark and how you use it in real job roles.

8 Module 8: Data Engineering with Spark

- ETL Pipelines
- Data Ingestion
- Data Transformation
- Data Warehousing Concepts
- Performance Tuning

GUIDED LAB
Complete a guided practical exercise on ETL Pipelines and verify your results.

INTERVIEW & ASSESSMENT
Explain the core purpose of ETL Pipelines and how you use it in real job roles.

9 Module 9: Spark Integration

- Hadoop Integration
- Hive Integration
- Kafka Integration
- Cloud Integration (AWS/Azure Overview)
- API Connectivity

GUIDED LAB
Connect your web app to a live API to fetch, display, and save customer information.

INTERVIEW & ASSESSMENT
Explain how a web browser asks a server for data using simple analogies.

10 Module 10: Performance & Optimization

- Catalyst Optimizer
- Memory Management
- Job Tuning Techniques
- Debugging Spark Jobs
- Best Practices

GUIDED LAB
Complete a guided practical exercise on Catalyst Optimizer and verify your results.

INTERVIEW & ASSESSMENT
Explain the core purpose of Catalyst Optimizer and how you use it in real job roles.

11 Module 11: Real-Time Projects

- Real-Time Log Processing System
- Fraud Detection Pipeline
- Recommendation Engine
- Batch Data Processing Project
- Resume Building & Interview Preparation
- Tools Covered
- Apache Spark
- Scala

GUIDED LAB
Complete an end-to-end practical project bringing together everything you built in this course.

INTERVIEW & ASSESSMENT
Present your completed project and explain your key design decisions with confidence.

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REAL-WORLD PORTFOLIO PROJECTS

Practical industry scenarios, tools applied, and demonstrable project outcomes.

Project 1: Real-Time Log Processing System

What it is: Set up the core Big Data environment and configure essential business settings.
What you do: Initialize base configurations, create clean templates, and verify workflow controls.
Tools used: Spark Scala, Big Data, Big Data Ecosystem
Project outcome: Working project foundation configured and tested according to best practices.

Project 2: Fraud Detection Pipeline

What it is: Build practical Scala modules to handle everyday business operations.
What you do: Create core functional components, validate input data, and prevent common errors.
Tools used: Spark Scala, Variables Data Types
Project outcome: Functional business module ready to run and demo with zero manual errors.

Project 3: Recommendation Engine

What it is: Connect Spark with Spark Architecture Deep to automate data and team workflows.
What you do: Set up automated pipelines, link required services, and run end-to-end tests.
Tools used: Spark Scala, Spark Architecture Deep
Project outcome: Live automated workflow pipeline documented with clear usage guides.

Project 4: Batch Data Processing Project

What it is: Optimize Spark Streaming workflows for security, speed, and reliability.
What you do: Audit performance bottlenecks, apply security rules, and optimize execution speed.
Tools used: Spark Scala, Spark Streaming, Real Time Data
Project outcome: Production-grade technical deliverable ready to add to your personal portfolio.

Project 5: Apache Spark

What it is: Implement advanced Data Engineering Spark features matching real industry requirements.
What you do: Configure custom settings, automate repetitive tasks, and test business logic.
Tools used: Spark Scala, Data Engineering Spark, ETL Pipelines
Project outcome: Production-grade technical deliverable ready to add to your personal portfolio.

Project 6: Spark Scala End-to-End Capstone

What it is: Build a complete, production-ready Spark Scala project bringing all skills together.
What you do: Design, code, test, and document a full project workflow from scratch to launch.
Tools used: Spark Scala, Performance Optimization, Catalyst Optimizer
Project outcome: Verified capstone project ready to showcase on your resume and interview calls.

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ASSESSMENT FRAMEWORK

Module tests, practical evaluations, capstone and completion criteria.

COMPONENT	ASSESSMENT FOCUS	PASS EVIDENCE
Module Knowledge Quizzes	Core Big Data principles, industry terminology, and workflow concepts	Consistent passing score across syllabus unit evaluation tests
Lab Submissions & Practice Reviews	Hands-on Object-Oriented implementation, configuration, and practical exercises	Working lab deliverables satisfying practical evaluation rubrics
Hands-On Mini Projects	Independent problem-solving using intermediate Spark Streaming techniques	Functional project artifacts addressing realistic domain scenarios
Final Production Capstone	End-to-end Spark Scala implementation, quality review, and delivery	Complete capstone submission with technical walkthrough review
Technical Mock Viva	Technical reasoning, troubleshooting approaches, and communication	Successfully defending project decisions in structured mock panels

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RESUME, GITHUB & LINKEDIN

Evidence-based resume writing and professional project presentation.

- Modular GitHub repository per project with setup steps, dependencies, and clean commits.
- Detailed Big Data diagrams, component specifications, and end-to-end workflows.
- Visual project sheets, live demonstration walkthroughs, and verified functional outputs.
- Project documentation covering Object-Oriented setup, configuration steps, and test notes.
- Direct resume bullet points highlighting hands-on Spark Scala tools and technical outcomes.
- Structured practice for technical interview pitches, walkthroughs, and viva defense.

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OUR STUDENT

Meet the learners who turned their goals into successful careers through dedication, skill, and continuous growth.

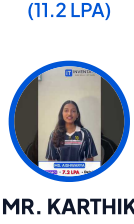
READ REVIEWS

MS. SNEHA
Placed at Wipro (9.5 LPA)

"The practical lab sessions gave me the confidence to transition into enterprise roles. Working on real-world datasets helped me clear technical interviews effortlessly!"
Course Completed : **Spark Scala Specialist**
G ★★★★★

MR. HARSHIT
Placed at Accenture (11.2 LPA)

"Inventateq's focus on industry capstone projects and mock interviews was game-changing. The mentors guided me through every real-world implementation hurdle."
Course Completed : **Spark Scala Specialist**
G ★★★★★

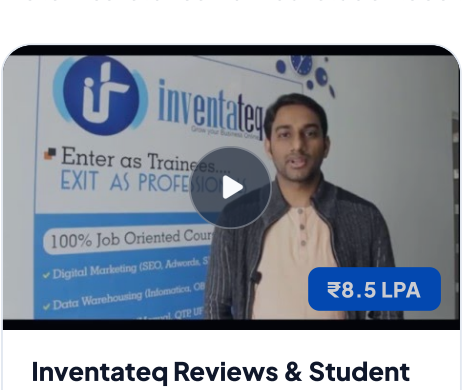


MR. KARTHIK
Placed at Capgemini (10.5 LPA)

"Moving from beginner theory to hands-on enterprise tools was seamless. The portfolio defense preparation helped me crack my MNC placement round!"
Course Completed : **Spark Scala Specialist**
G ★★★★★

WATCH VIDEOS

Watch real stories from our students as they talk about their journey, growth, and placement success.



Inventateq Reviews & Student Genuine Feedback Bangalore
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9.5 LPA Career Success in AI!
Course Video 2 • Student Feedback
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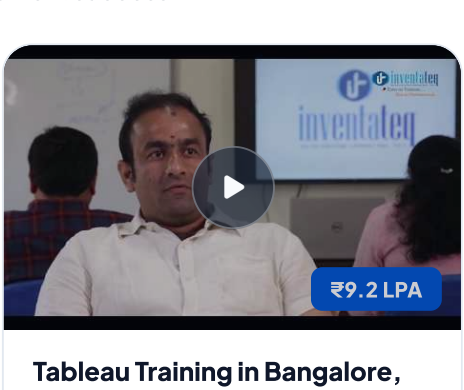

Tableau Training in Bangalore, Learn Tableau Course
Course Video 3 • Student Feedback
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Bigdata Course in Bangalore, Best Hadoop Training Institute with Placement
Course Video 4 • Student Feedback
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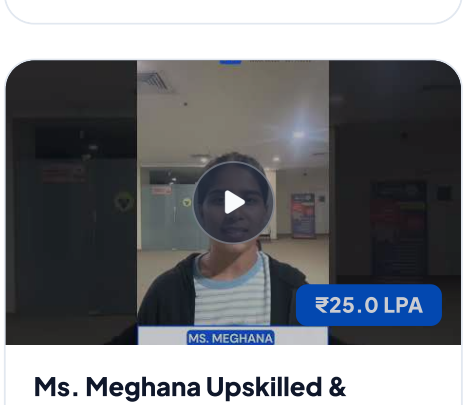
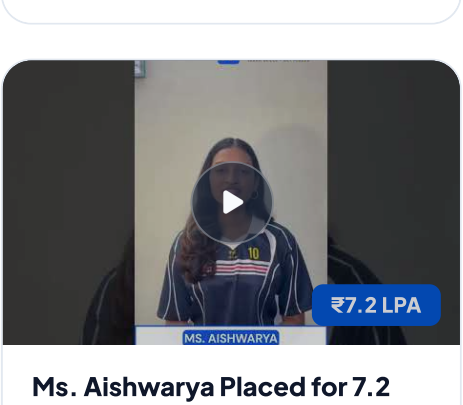


Ms. Meghana Upskilled & Placed at 25 LPA
Top Offer • Enterprise Consultant
Watch Story



Ms. Aishwarya Placed for 7.2 LPA Package
Verified Offer • Software Dev
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