

Payoda - Scala - Daywise Schedule and Content				
Week	Content	Day	Date	Topic Name
Week 1	Scala	Day 1	05-Nov-25	Introduction to Scala
				Scala Fundamentals
		Day 2 & 3	06 Nov 2025 07 Nov 2025	Object-Oriented Programming in Scala
				Data Structures and Algorithm in Scala Functional Programming in Scala
Day 4	08-Nov-25	Advanced Scala Concepts		
Week 2	Application Development Techniques in Scala	Day 5, 6 & 7	12 Nov 2025 13 Nov 2025 14 Nov 2025	Web Development with Play Framework
				RESTful API Development
				Microservices Architecture
				Containerization
				Security Practices in Scala Development
Week 3			17 - 21 Nov 2025	Tasks
Week 4	Hadoop and Spark Overview	Day 8 & 9	24 Nov 2025 25 Nov 2025	Big Data and Scenarios
	Spark RDD			Hadoop
				Apache Spark
	Apache Spark	Day 10	26 Nov 2025	Spark
		Day 11 & 12	27 Nov 2025 28 Nov 2025	Apache Spark
			RDD	
Week 5	Spark Streaming	Day 13 & 14	01 Dec 2025 02 Dec 2025	RDD
	Data Engineering with Scala	Day 15	03 Dec 2025	Spark - SQL [DataFrames]
				Spark - SQL Hands on
		Day 16	04 Dec 2025	Cloud Computing Basics
				Introduction to Scala and AWS EMR
				Scala with Hadoop Ecosystem
		Day 17	05 Dec 2025	Building Data Pipelines with Spark
				Scala and Kafka for Data Pipelines
	Testing and Monitoring Spark Applications			
	Testing Data Pipelines			
Performance tuning and optimization				
Week 6		Day 18, 19, 20 & 21	08 - 11 Dec 2025	Case Study
		Day 22	12 Dec 2025	Case Study Evaluation