

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