Mastering Scala with Apache Spark for the Modern Data Enterprise (TTSK7520)

Price: 2695

Duration:

Delivery Methods: Virtual

Overview

Embark on a journey to master the world of big data with our immersive course on Scala and Spark! Mastering Scala with Apache Spark for the Modern Data Enterprise is a five day hands-on course designed to provide you with the essential skills and tools to tackle complex data projects using Scala programming language and Apache Spark, a high-performance data processing engine. Mastering these technologies will enable you to perform a wide range of tasks, from data wrangling and analytics to machine learning and artificial intelligence, across various industries and applications. Guided by our expert instructor, you'll explore the fundamentals of Scala programming and Apache Spark while gaining valuable hands-on experience with Spark programming, RDDs, DataFrames, Spark SQL, and data sources. You'll also explore Spark Streaming, performance optimization techniques, and the integration of popular external libraries, tools, and cloud platforms like AWS, Azure, and GCP. Machine learning enthusiasts will delve into Spark MLlib, covering basics of machine learning algorithms, data preparation, feature extraction, and various techniques such as regression, classification, clustering, and recommendation systems. You'll also gain experience working with graph processing using Spark GraphX, as well as innovative generative AI technologies, integrating GPT with Spark and Scala for practical applications. Time permitting, you will also be introduced to Spark NLP, covering text preprocessing, classification, and sentiment analysis. With a focus on practical skills and best practices, you'll work on interesting learning objectives and gain hands-on experience with innovative tools in a live, interactive environment. Upon completing this course, you'll be ready to confidently apply your newly acquired Scala and Apache Spark skills to a wide range of projects. You'll be able to develop efficient and scalable applications, harness the power of machine

learning, and analyze large datasets, giving you a competitive edge in the rapidly evolving world of big data and analytics. By integrating these technologies into your daily work, you'll be better prepared to solve complex problems, streamline processes, and ultimately drive value for your organization.

Course Schedule

Date	Time	Price	Options

Why Professional Choose TOPTALENT?

Dedicated Texas-Based Support

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For questions

call:

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FAQ

What if I have to reschedule my class due to conflict?

Ten (10) business days' notice is required to reschedule a class with no additional fees. Notify TOPTALENT LEARNING as soon as possible at 469-721-6100 or by written notification to info@toptalentlearning.com to avoid rescheduling penalties.

How do I enroll for this class?

Please contact our team at 469-721-6100; we will gladly guide you through the online purchasing process.

What happens once I purchase a class?

You will receive a receipt and an enrollment confirmation sent to the email you submitted at purchase. Your enrollment email will have instructions on how to access the class. Any additional questions our team is here to support you. Please call us at 469-721-6100.

What is your late policy?

If a student is 15 minutes late, they risk losing their seat to a standby student. If a student is 30 minutes late or more, they will need to reschedule. A no-show fee will apply. Retakes are enrolled on a stand-by basis. The student must supply previously issued courseware. Additional fees may apply.

What happens when I finish my class?

You will receive a 'Certificate of Completion' once you complete the class. If you purchased an exam voucher for the class, a team member from TOPTALENT LEARNING will reach out to discuss your readiness for the voucher and make arrangements to send it.