Quality Thought ®

Spark & Scala

Mode of Training: Online, Classroom, Corporate

Faculty: Mr. SRINIVAS

Course Duration: 30 Days

Course Curriculum

Apache Spark

- Introduction to Apache Spark

- Why Spark

- Batch Vs. Real-Time Big Data Analytics

- Batch Analytics – Hadoop Ecosystem Overview

- Real-Time Analytics Options

- Streaming Data – Storm

- In Memory Data – Spark, what is Spark?

- Spark benefits to Professionals

- Limitations of MR in Hadoop

- Components of Spark

- Spark Execution Architecture

- Benefits of Apache Spark

- Hadoop vs Spark

Introduction to scala

- Features of Scala

- Basic Data Types of Scala

- Val vs Var

- Type Inference

- REPL

- Objects & Classes in Scala

- Functions as Objects in Scala

- Anonymous Functions in Scala

- Higher Order Functions

- Lists in Scala

- Maps

- Pattern Matching

- Traits in Scala

- Collections in Scala

Spark Core Architecture

- Spark & Distributed Systems

- Spark for Scalable Systems

- Spark Execution Context

- What is RDD

- RDD Deep Dive and Dependencies

- RDD Lineage

- Spark Application In Depth and Spark Deployment

- Parallelism in Spark

- Caching in Spark

Spark SQL

- Spark Transformations, Actions, Cluster and SQL Introduction

- Spark Data Frames

- Spark SQL with CSV, JSON, and Database

Spark Streaming

- Features of Spark Streaming

- Micro Batch

- Dstreams

- Transformations on Dstreams

Spark Streaming Use Case

Supporting Enterprises around the Globe

Our Other Courses

DevOps & Cloud Computing

- AWS Admin Training
- Devops Training
- Azure Admin Training

Artificial Intelligence & IOT

- Artificial Intelligence Training
- IOT Training

Big data

- Hadoop Development Training
- Spark And Scala

Data Science & Blockchain

- Data Science Training
- Blockchain Training

QA and Testing

- Manual Testing
- Big data Testing Training
- Selenium Training
- Appium Training
- Web services Testing Training
- Security Testing Training
- Performance Testing Training
- TOSCA Training
- ETL Testing Training

RPA and Automation

- Automation Anywhere Training
- Blueprism Training
- Uipath Training

Programming & Framework

- Core Python
- Advanced Python Training
- Django Training
- C,C++Programming Training

Others courses

- Digital Marketing Training
- Spoken English Training
- Chat Bot Making Training
- BI Reporting Tools Training
- Sail point IIQ

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