



GYANVRIKSH INTERACTIVE PVT LTD

III Floor, QZ Plaza, Opp Haveli Restaurant, Kothaguda, Kondapur



We are **AUTHORISED APACHE SPARK CERTIFICATION PARTNERS**. Training by experienced and Real time working professional. **MONEY BACK GUARANTEE if NOT SATISFIED.**

Course Contents

Scala Object Oriented Programming

- Introduction to Scala
- Why scala?
- Scala vs Java
- Installing of Scala
- Installing of Sbt
- Variable Declarations.
- Ranges
- Partial Functions
- Method Declarations
- Literal's in Scala
- Operators
- Operator Overloading.
- Scala Control Statements.
- Call by Name and Call by Value
- Pattern Matching.
- Implicit Conversions
- Traits
- Abstraction
- Inheritance
- Collections(List,Tuple,Set,Arrays,Array Buffer,Map)

Scala Functional Programming

- What is Functional programming?
- Diff between Functional and Imperative?
- Anonymous Functions
- Lambda's Functions
- Closures.
- Currying

Reach us @ 040 – 6553 2121 / 903 007 2121
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- Functional Data Structures(Sequences,Map,Stes)
- Traversal
- Mapping
- Flat Mapping
- Filtering
- Folding and Reducing
- Comprahensions

Spark in Detailed

- What is Spark?
- Why Spark?
- Diff between Map Reduce and Spark?
- Diff between Spark and Storm?
- Installation of Spark on HDFS
- Installation of Spark on EC2
- What is RDD's and creation of RDD's.
- Programming with RDD's.
- Working with Key/Value pairs
- Loading and saving your Data.
- Advanced Spark Programming.
- Raunning on a Spark Cluster.
- Spark Streaming.
- Spark SQL.
- Spark MLIB.
- Spark Graphix.
- Tunning and Debugging Spark.

Kafka in Detailed

- What is Kafka?
- Why Kafka?
- Installing kafka on localmode.
- Installing kafka on localmode with multiple servers.
- Installing kafka on multiple servers with distributed mode.

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- Creating Custom Producers.
- Creating Custom Consumers.
- Integrating Kafka to Storm.
- Integrating kafka to Hadoop.
- Overview of Kafka Administration.

Project Work

About the Trainer:

- Real Time working Professional
- Faculty was among few who is directly trained by CLUDERA
- Has experience in delivering Corporate Trainings
- Has overall experience of 11 years in IT
- 4.5 years of experience in Hadoop and 1.5 yrs in Spark.
- Certified Professional
- Trained more than 500 students till now (25 batches as on Jun 2016)
- 60% of the students already placed in big corporates on their own
- Taken around 10 Hadoop/ Spark Online training batches for US students
- Delivered projects / POCs on Cloudera, Hortonworks & MapR & Spark

Highlights of the Course:

- Teaching is oriented towards –
 - Practical oriented & Hands on
 - clear understanding of basics
 - what to expect as an interview question while topic discussion
- Exclusive Access to a variety of latest interview questions and answers
- Work on real-time projects(in all tools like – Pig, Hive, Mapreduce & HBase...)
- Certification guidance & Material
- Hand-outs will be given which would serve as a knowledge-check
- Assistance in Resume preparation
- Interviews guidance
- Corporate level Training

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- Finally, this training gives you all that are needed to secure a desired job & keeps you going in your job!

Why Gyanvriksh:

- **Authorized SPARK Certification Partners**
- **Money back guarantee with 15% interest if not satisfied – Quality Assured**
- **Rated 90% excellent by students – Refer [Justdial](#) & [facebook](#) reviews**
- Complete Practical Oriented Hands on Training
- Situated in IT Hub Kondapur/Madhapur - Main Road
- Experienced, Certified & Real time working professional
- Class recordings of every session will be provided – Only for Online Training
- Maximum batch size 25 to give more focus at individual level. Online 1 to 1
- Register for a course and attend same course of same faculty in future any number of times for free
- Weekend, Weekday, Online & Corporate Trainings
- Nice ambience & AC Classrooms

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