Government Recognised

The No. 1 BRAND

INFOBYTE®

CAREER INSTITUTE

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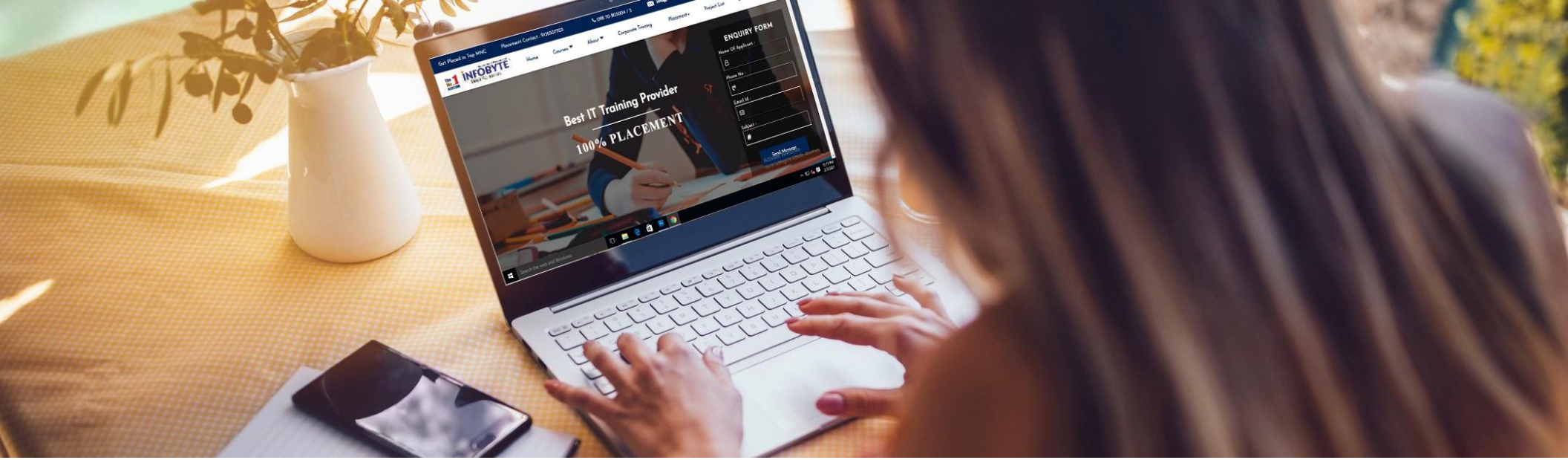
BIG DATA HADOOP CERTIFICATION



ABOUT US

Infobyte Computer Education offers a high-quality learning experience in the field of IT training to train students on brand new technologies and train them to deliver the desired results with commercially relevant and re-organized technical skills.

The probability of achieving your dream job will keep on increasing day by day once you complete a course in **infobyte**. We also focus on improving soft skills in terms of communication, leadership, teamwork, external appearance, and attitude which helps everyone to be professional in all the aspects of their career.

25%
Theory

75%
Practicals

ABOUT
HADOOP CERTIFICATION

With the enormous data lying around, it becomes important for an organization to manage it in order to gain a competitive advantage. Today, the companies need to hold a vast amount of data in order to satiate the demand of the customers. This data can be further used to analyze and extract the information which ultimately helps to improve the ROI of the business. By taking up **infobyte** wide range of courses, including Bigdata Hadoop course in mumbai the candidate will be able to stand apart from the crowd.

BENEFITS OF HADOOP CERTIFICATION

- Career Growth - Higher Pay & Position
- Encourages professional development
- Enriches self-image and reputation
- Enhances professional credibility.
- Abundant Job Opportunities
- Used In Many Industries
- Global Recognition
- Secure and Flexible
- 50+ Case Studies
- 10+ Projects

COURSE CONTENT

Prerequisite Free Lecture

- JAVA
- UNIX

Introduction to Spark

What is Spark?

- Why spark
- Evolution of Spark

Introduction to Scala

- Functional Programing Vs Object Orient Programing
- Scalable language
- Scala Overview
- SPARK Environment
- Configuring Apache Spark

SCALA Environment

- JAVA Setup
- SCALA Editor
- Interpreter
- compiler

Deep Dive into Scala

- Benefits of Scala
- Language Offerings
- Type inferencing
- Variables
- Functions
- LOOPS
- Control Structures
- Vals
- Arrays
- Lists
- Tuples
- Sets
- Maps
- Traits and Mixins
- Classes and Objects
- First class functions
- Closures
- Inheritance
- Sub classes
- Case Classes
- Modules

- Pattern Matching
- Exception Handling
- FILE Operations

Deep Dive into Spark

- Spark Shell
- Parallel Programming
- Context
- RDD
- Transformations
- Programming with RDD
- Actions
- Broadcast Variables
- Accumulators

Introduction to Hadoop

- Hadoop Distributed File System
- Hadoop Architecture
- MapReduce & HDFS

Hadoop Eco Systems

- Introduction to Pig
- Introduction to Hive
- Introduction to HBase
- Other eco system Map

Hadoop Developer

- Moving the Data into Hadoop Moving
- The Data out from Hadoop
- Reading and Writing the files in HDFS using java program
- The Hadoop Java API for MapReduce
  - i) Mapper Class
  - ii) Reducer Class
  - iii) Driver Class
- Writing Basic MapReduce Program In java
- Understanding the MapReduce Internal Components
- Hbase MapReduce Program
- Hive Overview
- Working with Hive
- Pig Overview
- Working with Pig

- Sqoop Overview
- Moving the Data from RDBMS to Hadoop
- Moving the Data from RDBMS to Hbase
- Moving the Data from RDBMS to Hive
- Flume Overview
- Real Time Example in Hadoop

And Many More...

WHO CAN LEARN ?

- Anyone who wants to build a career as a Data Scientist
- Anyone who wish to gain knowledge about Programming
- Students who are currently in college or university

CAREER OPPORTUNITIES

- Software Development Engineer
- Hadoop / Big Data Developer
- Hadoop Administrator
- Data Engineer
- Big Data Architect
- Big Data Consultant
- Hadoop Analyst
- Hadoop Tester

and Many More...

PROCESS FOR SUCCESS

GET PLACED

GET TRAINED

ENROLL

FACILITIES OFFERED

- Practical Training on Live Projects
- 100% Placement Guarantee
- Interview Preparation
- Global Certification
- Fully functional labs
- Online / Offline Training
- Study Materials
- Expert level industry recognized training

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