



Big Data – Hadoop Training

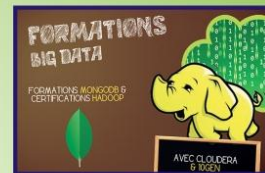
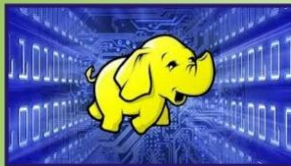
Learn from the Experts

<http://www.bigdatatraining.co.in>

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Classroom/Online/Corporate/In-House Big Data Training

JPA Solutions is the leader in Big Data Training In India. Our unique pedagogy emphasizes on Learning and not just training.



JPA Solutions Course Content

Introduction

- ★ Role of Hadoop in Big Data
- ★ Requirements in Hadoop
- ★ Installation
- ★ Use Cases of Hadoop:

HDFS

- ★ Design - Architecture
- ★ CLI Commands
- ★ Data Integrity webHDFS

MapReduce:

- ★ Data Flow ★ Streaming API
- ★ Inherent Failure Handling
- ★ File Formats

Advance MapReduce Programming

- ★ Counters ★ Distributed Cache
- ★ Joins - Sorting ★ Performance Tuning

Administration

- ★ Multi Node Cluster Setup
- ★ Hardware Considerations

HBase

- ★ NoSQL Vs SQL
- ★ Installation & Configuration
- ★ Role of Zookeeper
- ★ Java Based APIs
- ★ MapReduce Integration
- ★ Performance Tuning

HIVE

- ★ Architecture
- ★ UADF
- ★ Hive HBase Integration
- ★ Hive Server
- ★ Installation & Configuration
- ★ Bucketing
- ★ Hive Web Interface

Other Hadoop Ecosystems

- ★ PIG
- ★ Sqoop
- ★ Flume
- ★ Oozie

Discussions

JPA Solutions - Training on

BIG DATA- HADOOP



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Hadoop is especially well-suited to large data processing tasks (like searching and indexing) because it can leverage its distributed file system to cheaply and reliably replicate chunks of data to nodes in the cluster, making data available locally on the machine that is processing it. Hadoop is an open-source software platform by the Apache Foundation for building clusters of servers for use in distributed computing.

Why Hadoop?

Data continues to emerge from various resources (Corporates, social networks, browsed sites, etc.). We need new ways to sort, sift and surface relevant. Hadoop enables a computing solution that is:

1. Scalable
2. Cost Effective
3. Flexible
4. Fraud Tolerant

Trainings Offered

Big Data - Hadoop Training

- Administrator Training
- Developer Training

Big Tool for Big Data?

Hadoop is the best tool available today for processing and storing herculean amounts of big data. Hadoop throws hundreds or thousands of computers at the big data problem, rather than using single computer.

Apache Hadoop is an open-source project inspired by research of Google. Hadoop makes data mining, analytics, and processing of big data cheap and fast. Hadoop can take most of your big data problems and unlock the answers, because you can keep all your data, including all of your historical data.



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JPA Solutions is in the business of employability. We strive to enhance the know-how and skills of individuals so that they can be better employed generating higher value for themselves and the organization they work for. Our unique pedagogy emphasizes on learning and not just training. Our certification assures competence. If you are an individual who wants to enhance his potential for better opportunities or if you are an organization aiming to enhance capabilities of your people, please mail us at info@jpasolutions.in

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1 Classroom Training

Get the high demand Big Data – Hadoop Training from Corporate Experts with inter-active classroom sessions.

2 Online Training

We have Online Training, in addition to Class Room Training - to enable Remote / Over-seas learning. On-line training – anytime anywhere learning!

3 Corporate Training

Get the Advanced Big Data – Hadoop delivered through Corporate Training, crafted based on Client Requirements.

Why JPA Solutions?

- Training by highly experienced and Certified Corporate Professionals.
- Structured Course Materials.
- Exhaustive, systematic step-by-step lab exercises.
- Online Assessment Tests
- Hadoop Scenarios + Real-time projects & hands on best practices
- Placement Assistance
- Cloudera Certification assistance