Hadoop Online Training

About the Hadoop course

Big data may be a collection of huge and complicated data sets that can't be processed exploitation regular database management tools or process applications. Lots of challenges like capture, curation, storage, exploration, sharing, analysis, study and visualization is encountered whereas handling massive data. On the opposite hand **Hadoop** software library could be a framework that permits for the distributed process of huge data sets across clusters of computers using straight programming models. It's designed to rescale from single servers to thousands of machines, each providing native computation and storage. Huge data certification is one in all the foremost recognized credentials of these days.

Hadoop® is an open supply software project that allows distributed process of huge data sets across clusters of commodity servers. It's designed to rescale from one server to thousands of machines, with very high degree of fault tolerance. Instead of looking forward to high-end hardware, the resiliency of those clusters comes from the software's ability to notice and handle failures at the application layer.

Hadoop is an open-source software framework for storing and process huge data in a very distributed fashion on massive clusters of commodity hardware. Basically, it accomplishes 2 tasks: large data storage and quicker process.

Salient Features

- Strategic oriented training methodology
- Basic to advanced concept
- Example real time case studies
- Start learning from basic fundamentals.
- Training by real time experienced consultant
- Doubt clarification sessions
- Certification preparation help.
- Help with CV writing, interview tips
- The course fees will be affordable

We additionally give class room and on-line course to deal with today's competitive IT world. Learners will grasp the technology-subject from our highly experienced and a certified trainers which is able to be serving to the scholars to figure in real time comes. Learners can prefer for either regular course or fast track categories or weekend coaching categories.

Road Map a Head

Hadoop project increase wide - source software package for reliable, scalable, distributed computing. Learn the basic principles behind it, and the way you'll be able to use its power to form sense of your massive data.

Hadoop has evolved as a must-to-know technology and has been a reason for higher career, earnings and job opportunities for several professionals.

The following points can assist you perceive the importance of **Hadoop** training:

- **"Hadoop's** strength is invisible as its open supply roots grow wildly into enterprises. Its refreshfully unique approach to data management is remodeling however firms store, process, analyze, and share big data."

- The vastly growing data within the present situation, is leading us to an 'Information Economy'. This economy relies on the knowledge gathered in multitude ways that and remodeled into business insights therefore generating revenues. This has led to the introduction of a unique 'Information Layer' within the economy.

- This new found 'Information layer' within the Economy, that is generating revenue, is increasing the expansion of worldwide Economy yet. This growth within the international Economy can make to a lot of new jobs.

If you're coming up with take a course in **Hadoop**, call to **Hadoop** training at Retors Lernen Labs once; sit down with **Hadoop** advisor directly before attending a Demo. We are here to assist your IT career.

Retors USP

Retors Lernen Labs offer **Hadoop on-line coaching in across all countries like USA, UK, Canada, Singapore, UAE, Australia, Europe, Japan, China and India.** We tend to additionally give Job support & Interview Support.

- Retors Lernen Labs is providing **Hadoop** coaching supported specific desires of the learners particularly we are going to provide innovative one to 1 categories that have nice opportunities within the gift IT market.

- Retors Lernen Labs is a world class leading training organization committed to impart excellence in training on leading technologies across the world. With World class working knowledge we boast that our trainers are second to none when compared to other faculty in both National and International levels.

- It's proud to be we have a tendency to square measure one among the highest leading **Hadoop on-line coaching provider from India.** We are into this field with passion and dedication we are in to on-line trainings from a few years.

- Our team of well practiced **Hadoop** trainers with large real time IT expertise in on-line coaching's devoted towards providing quality training. Retors Lernen Labs has taken nice steps in providing highest quality on-line categories.

If you want to know more about **Hadoop** Online Training do not hesitate to call **+91-7032670921** or mail us on **retorslernenlabs@gmail.com.**

<p style="text-align: center;">**COURSE CONTENT - 1**</p>

We provide both Hadoop Development and Admin Training.

1.INTRODUCTION
What is Hadoop?
History of Hadoop
Building Blocks – Hadoop Eco-System
Who is behind Hadoop?
What Hadoop is good for and why it is Good

2.HDFS
Configuring HDFS
Interacting With HDFS
HDFS Permissions and Security
Additional HDFS Tasks
HDFS Overview and Architecture
HDFS Installation
Hadoop File System Shell
File System Java API

3.MAPREDUCE
Map/Reduce Overview and Architecture
Installation
Developing Map/Red Jobs
Input and Output Formats
Job Configuration
Job Submission
Practicing Map Reduce Programs (atleast 10 Map Reduce Algorithms)

4.Getting Started With Eclipse IDE
Configuring Hadoop API on Eclipse IDE
Connecting Eclipse IDE to HDFS

5.Hadoop Streaming

6.Advanced MapReduce Features

Custom Data Types
Input Formats
Output Formats
Partitioning Data

Reporting Custom Metrics
Distributing Auxiliary Job Data

7.Distributing Debug Scripts

8.Using Yahoo Web Services

9.Pig
Pig Overview
Installation
Pig Latin
Pig with HDFS

10. Hive
Hive Overview
Installation
Hive QL
Hive Unstructured Data Analyzation
Hive Semistructured Data Analyzation

11.HBase
HBase Overview and Architecture
HBase Installation
HBase Shell
CRUD operations
Scanning and Batching
Filters
HBase Key Design

12.ZooKeeper
Zoo Keeper Overview
Installation
Server Mantainace

13.Sqoop
Sqoop Overview
Installation
Imports and Exports

14.CONFIGURATION
Basic Setup
Important Directories
Selecting Machines
Cluster Configurations
Small Clusters: 2-10 Nodes

Medium Clusters: 10-40 Nodes
Large Clusters: Multiple Racks

15. Integrations

16.Putting it all together
Distributed installations
Best Practices