Mindluster Platform

About the course Hadoop Framework for beginners

Hadoop Framework , in this course offers a comprehensive introduction to the powerful open-source platform designed for processing and managing big data. In this course, you'll explore the core components of Hadoop, including HDFS (Hadoop Distributed File System) for scalable and fault-tolerant data storage, and MapReduce for parallel data processing. You'll also dive into YARN (Yet Another Resource Negotiator) for resource management and Hadoop Common, which provides essential libraries and utilities. Through hands-on exercises, you'll gain practical skills in setting up Hadoop clusters, storing and analyzing large datasets, and leveraging the ecosystem's tools, such as Hive, Pig, and HBase. This course is perfect for those looking to understand how Hadoop is applied in real-world big data scenarios, including data analytics, machine learning, and IoT. Whether you're a beginner or an IT professional, this course will equip you with the knowledge to manage and process massive data efficiently using Hadoop.

Computer Science Category's Courses

Course Lesson(7)

Lesson 1 : **Lec 128 Introduction to BIG Data in Hindi Small Data Vs BIG Data Real Life Examples**

Lesson 2 : **Lec 127 Introduction to Hadoop What is Hadoop Hadoop Framework**

Lesson 3 :
What is HDFS Name Node vs Data Node Replication factor Rack Awareness HadoopFramework

Lesson 4 : **What is MapReducein Hadoop Apache Hadoop**

Lesson 5 :
HadoopEcosystem All Components Hdfs Mapreduce Hive Flume Sqoop Yarn Hbase Zookeeper Pig

Lesson 6 : **Top HDFS Commands Hadoop Big Data**

Lesson 7 : **Roadmap of BIG DATA Syllabus of BIG Data**

Related courses

Linear Algebra for Computer Scientists

Insertion Sort

Bubble Sort

GCSE Computer Science

Random Access Memory

Binary Trees

for Business Contact
business@mindluster.com