Tel +44 20 4571 2395
info@siliconbeachtraining.co.uk

The Big Data Hadoop Certification Training course provides comprehensive knowledge of Big Data and Hadoop framework including MapReduce, HDFS and YARN and helps you to become a Big Data expert. The course is beneficial for anyone who wants to learn more about Big Data and perform essential data analytics using Hadoop. Hadoop is an open-source software platform for storing, handling and retrieving large volumes of data. Many organisations are hiring those professionals who are capable enough to extract crucial information from structured and unstructured data. The course enables the delegates to implement best practices in developing, maintaining and using Hadoop cluster and perform Big Data analytics for organisational benefit.

The Big Data Hadoop Certification Training at Silicon Beach is delivered by industry experts and help you in making a Certified Big Data Practitioner. Acquire the professional skills in big data and analytics with our two days training program. The demand for Big Data & Hadoop professionals is increasing as organisations have realized the benefits of Big Data Analytics. The main focus of the course is to provide you hands-on training on Hadoop Ecosystem and make you a certified Big Data practitioner.

Prerequisites

No formal prerequisites are required for attending the course. However, basic knowledge of java, UNIX and SQL would be beneficial to learn Big Data Hadoop. After the completion of the certification training, the delegates will be able to handle real-life industry based projects in the different fields such as banking, insurance, telecommunication and e-commerce.

Course Objectives

- In-depth knowledge of YARN and HDFS and MapReduce framework
- Learn how to work with resource management and Hadoop storage
- Perform ETL operations & data analytics using Pig and Hive
- Use MapReduce for implementing a complex business solution
- Implementing Partitioning and Indexing in Hive
- Implement best practices for Hadoop development
- Understand how to integrate HBase with Hive
- Understand Apache Spark and its Ecosystem

The Hadoop Big Data Certification is a two-day course. The course content is divided into two sections: Hadoop and Big Data. The following outlines the topics that will be covered in each section.

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- Processing Distributed Data
- Hadoop Project
- Introduction to Data Storage and Processing
- Defining Hadoop Cluster Requirements
- Configuring a Cluster
- Maximising HDFS Robustness
- Managing Resources and Cluster Health
- Maintaining a Cluster
- Extending Hadoop
- Implementing Data Ingress and Egress
- Planning for Backup, Recovery, and Security

Big Data

- Introduction to Big Data
- Storing Big Data
- Processing Big Data
- Tools and Techniques to Analyse Big Data
- Developing a Big Data Strategy
- Implementing a Big Data Solution

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