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

The Comprehensive Hive Certification course provides an overview of Hive UDF, Hive Query language and other concepts like Loading, Querying and Importing data in Hive. The course enables the delegates to manage and control Big Data with ease and achieve their career goals in dealing with the Database management. During the course, the delegates will gain an understanding of Hive components and architecture, Hive background, limitations of Hive, Hive data types and models, Hive Tables and Hive use case. The delegates will also be introduced the advanced concepts of Hive like Hive script, Hive QL: Custom MapReduce Scripts, Joining Tables, User Defined Functions, Dynamic Partitioning and Thrift Server. The delegates will gain adequate knowledge on Hive after attending the training program.

Hive, an open-source based on Hadoop is very helpful in Database management to manage Big Data. It is an essential tool for easy data analysis and extraction. The Comprehensive Hive Certification course is aimed at graduates and professionals who want to make their Hive concepts clear to implement it in the Hadoop framework efficiently. After the completion of the course, the delegates will be able to grab a better position in the field of Data and Analytics. The Hive course equips delegates with the knowledge of Hive environment and how to use it for managing Big Data. The delegates will learn about Hive querying language and how to perform data analysis with Hive. The training program is conducted by instructors who have years of industry experience. Throughout the course, the delegates will learn about Big Data, limitations and benefits of Hive, its installation and architecture, Hive Script and other advanced topics. The delegates will also attain a course completion certificate at the end of the training program.

Prerequisites

The delegates must have:

- Basic knowledge of core JAVA will be helpful to work on UDF
- An understanding of Linux commands and SQL Queries

Course Objectives

- Learn how to perform the Data Analysis using Hive
- Understand the concepts such as Loading, Querying and Importing data in Hive
- Developing the understanding the benefits of Hive and HiveQL
- Understand the Hive querying language and Hive UDFs
- Develop a better understanding of using Hadoop

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

- Hadoop Architecture

Working with HDFS and MapReduce

- Storing Data in HDFS
- Parallel Processing with MapReduce
- Automating Data Transfer

Executing Data Flows with Pig

- Overview of Apache Pig
- Structure Unstructured Data

Performing ETL with Pig

- Transform Data with Relational Operators
- Filter Data with Pig

Manipulating Data with Hive

- Leveraging Business Advantages of Hive
- Organise Data in Hive Data Warehouse
- Design Data Layout

Extract Business Value with HiveQL

- Perform Joins on Unstructured Data
- Pushing HiveQL to the Limit
- Deploy Hive in Production
- Streamline Storage Management with HCatalog

Interacting with Hadoop Data in Real-Time

- Low-Latency Queries with Impala
- Leverage Tez Execution Engine to Improve Performance
- Reduce Data Access Time with Spark SQL

The Comprehensive Hive Certification course provides an overview of Hive UDF, Hive Query language and other concepts like Loading, Querying and Importing data in Hive. The course enables the delegates to manage and control Big Data with ease and achieve their career goals in dealing with the Database management.