At EDUCBA, it is a matter of pride to us to make job oriented hands on courses available to anyone, any time and anywhere.

Learn at a time and place, and pace that is of your choice.

Plan your study to suit your convenience and schedule.

EDUCBA

HIVE Training

Course Overview

You get to learn and apply concepts of Hive with live projects.

This Hive Training Course includes a conceptual and practical understanding of summarising, querying & analyzing data.

It has lectures on Hive fundamentals, Advanced, the case study on telecom industry and HBASE managed Hive tables.

HIVE Training Skills

We learn the following skills:
This Hive Training are HIVE, HBase, HIVE Data Base, Hive Metastore, Hive Partitioning, Hive Bucketing, Hive Joins, Skew Join, Hive Serde, Hive UDF, Functions, Sorting and Join, Partitioning, Bucketing, and Ranks, etc.

This Hive Training is very useful for the prospective Data Science Developers, Hadoop Developers, Software Developers, Data Engineers, etc.

Course Features

Course Duration- 15+ Hours

4 Number of Courses

Verifiable Certificates

Lifetime Access

Technical Excellence

About HIVE

The HIVE is an open source data warehouse project developed by Apache Software Foundation.

It is mainly used for the purpose of querying the data from different databases which will be grouped from multiple data sources that is built on top of the Hadoop platform.

This Hive architecture has different layers such as Metastore, MapReduce, User Interfaces, Data Storage facility etc.

HIVE Course

This is a Bundle Course that includes complete in-depth HIVE Learning Courses combined into one Complete Course.

This Bundle perfectly meets the requisite of the industry and gives you a better chance of being hired as a HIVE Learning professional.

1 HIVE Fundamentals

Section 1. Introduction

- Introduction to HIVE
- HIVE Data Base
- Load Data Command
- How to Replace Column
- External Table
- HIVE Metastore

Section 2. Hive Partitioning and Bucketing

- what is Hive Partition
- Creating Partition Table
- Insert Overwrite Table
- Dynamic Partition True
- Hive Bucketing

Section 3. Importing

- Hive Joins
- Skew Join

Section 4. Hive Serde

- What is Serde
- Serde in Hive

Section 5. Hive UDF

- Hive UDF
- Maxcale Function

Section 6. Hive Example Use Case

- Hive Example Use Case

2 HIVE Advanced

Section 1. Introduction

- Introduction to Hive Concepts and Hands-on Demonstration
- Internal Table and External Table

Section 2. Functions

- Inserting Data Into Tables
- Date and Mathematical Functions
- Conditional Statements
- Explode and Lateral View

Section 3. Sorting and Join

- Sorting
- Join
- Map Join

Section 4. Partitioning

- Static and Dynamic Partitioning
- Alter Command
- MSCK Command

Section 5. Bucketing and Ranks

- Bucketing
- Table Sampling
- Archiving
- Ranks

Section 6. View and Index

- Creating Views
- Advantages of views and Altering Views
- What is Indexing
- Compact and Bitmap Index Running Time
- Hive Commands in Bash Shell

Section 7. Variable

- Hive Variables - Hiveconf
- Hive Variables -Hiveconf in Bash Shell
- Configuring a Hive Var Variable
- Variable Substitution

2 HIVE Advanced

Section 8. Word Count, Architecture and Parallelism

- Word Count
- Hive Architecture
- Architecture Parallelism in Hive

Section 9. Table Properties

- Table Properties in Hive
- Null Format Properties

Section 10. Purge and SCD

- Purge Commands in Hives
- Slowing Changing Dimension
- Implement the SCD
- Example of the SCD

Section 11. XML

- how to load XML data in Hive
- No drop and offline in Hive
- Immutable Table
- How to create Hive RC File
- Multiple Tables
- Merging hive created file and Function rLike

Section 12. Various Configuration

- Various Configuration Settings in Hive
- Compressing Various Files in Hive
- Different Modes in Hive
- File Compression in Hive
- Type of Mode in Hive
- Comparison of Internal and External Table

3 Hadoop Project: Case Study on Telecom Industry

Section 1. Introduction

- Introduction of Hive Simple and Complex Datatype in Hive

Section 2. Command and Table

- Clusters
- Database   Command in Hive
- Tables   Commands in Hive
- Manage   Tables
- External   Tables

Section 3. Partitioning

- Introduction   to Partitioning
- Partition   Command
- Bucketing
- Table   Contr Services in Hive
- Example   of Contr Services
- Creating   Contract All Table

4 HBase Managed HIVE Tables

Section 1. Introduction

- Introduction to Hive

Section 2. Managed Tables in hive

- Creating Hive Tables
- Managed Tables in Hive

Section 3. External Tables in Hive

- External Tables in Hive

Section 4. Tables with Location and Dynamic Partitions

- Tables with Location
- Static Partitions
- Dynamic Partitions
- Adding PartitionsFile Formats

Section 5. Buckets Joins and Views

- Bucketing and its Code in Hive
- Introduction to Joins in Hive
- Example of Joins in Hive
- Creating a Join Space in Hive
- Views and it Example

Section 6. Indexes and Complex Data Types

- Indexes
- Examples of Index
- Complex Data Types
- Examples of Data Types in Hive
- Three Types Data

Section 7. Indexes and Complex Data Types

- Indexes
- Examples of Index
- Complex Data Types
- Examples of Data Types in Hive
- Three Types Data

4 HBase Managed HIVE Tables

Section 8. Practical Implementation

- Hive Scripts and its Example
- User Defined Function And its Advantages in Hive
- Example of User Defined Function in Hive
- Practical Implementation of UDF
- Type of Tables in Hive
- Example of Type of Table in Hive

Section 9. Hive Hbase Comparison and Hbase Tables

- Creating Tables Using Hive and Hbase
- Advantages and Disadvantages in Hive and Hbase
- Creation of Hbase Table Using Multiple Columns
- Example of Creation of Hbase Table
- Using Multiple Columns

Section 10. Hbase managed Hive Tables

- Hbased Managed Hive Tables
- Syntax of Hbased Managed Hive Tables
- Example of Hbased Managed Hive Tables

Frequently Asked Questions

Is this Hive Training a good one to pursue in a career?

Yes, Any Data Engineer or Data Architect or Data Analytics Engineer or Hadoop Developer or prospective Hive Developer who is interested in learning the advanced Hive related tools and technologies can choose the Hive course which is a considerable and worth one.

Will this Hive course provide any benefit or value to my profession?

Yes. this Hive Training is beneficial and advantageous once for your career in many terms that further provides and fetches a good value to your profession in terms of the SQL or HQL or database related Hive core concepts.

Can an entry level engineer or non-technical background learners opt for this Hive Training Certification?

YES, this Hive Training is a very option for any young professional to switch their career mainstream to a different area. This course can easily be learned and mastered as the basic and core concepts are easily explained and can be grasped quickly which does not require any pre-requisites in the area of science or technical background with strong basics on technical.

Customer Reviews

This was very informative. as a beginner i was able to follow this course. There were some piece of video that was hard to follow but just keep going and then completed. Would be nice to have a side work area to follow with instructor. Was glad for the multi devise viewing gave me opportunity to do while stuck other places.

Carol Duffy

The Hive course is a better option for prospective Hadoop developers to master the further concepts in order to become a very good demanding engineer. All the core, advanced and high level concepts are covered in this Hive Training Certification course such as Data Querying, Data processing, which are very well explained in the form of hands on video content with the best course contents in the curriculum.

Jonathan Mathew

All clear! In short you can understand which tool to use for which job. For example, if you are comfortable with Java you would easily get along with MapReducer which delegates the task, performs them and understands unstructured and structured data, run on most of languages, more high level is Pig and runs on its own Pig Latin language.

Julie Pasichnyk

EDUCBA

HIVE Training

For Queries please contact:

Email : info@educba.com