

Mastering Hive

Module 01 : Introduction to Hive

- Overview of Hive
- Why use Hive?
- Hive Architecture
- Hive vs SQL

Module 02 : Hive Setup and Installation

- Prerequisites
- Download and Install Hive
- Verify the Hive Installation
- Configure Hive

Module 03 : Hive Data Types and Data Formats

- Hive Data Types
- Hive File Formats
- Creating Tables in Hive
- Hive Table Properties

Module 04 : Hive Query Language

- Basic Syntax
- Data Manipulation in Hive
- Data Retrieval in Hive
- Joins and Subqueries in Hive

Module 05 : Hive Functions and Operators

- Built-in Functions in Hive
- User-Defined Functions (UDFs) in Hive
- Operators in Hive
- Hive Transformations

Module 06 : Hive Optimization Techniques

- Hive Performance Tuning
- Hive Indexing
- Partitioning in Hive
- D. Bucketing in Hive

Module 07 : Hive Integration with Hadoop Ecosystem

- Hive and HDFS
- Hive and MapReduce
- Hive and Pig
- Hive and Spark

Module 08 : Hive Security and Administration

- User Management in Hive
- Hive Security Model
- Auditing in Hive
- Hive Administration