

# INFOSOFT IT SOLUTIONS

**Training | Projects | Placements**

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## **Impala Course**

### **An Introduction to Impala**

- An overview to the Impala
- What is Impala?
- The benefits of Impala
- Exploratory Business Intelligence
- The Impala Installation
- Starting and Stopping Impala
- Data Storage
- Managing Metadata
- Controlling Access to Data
- Impala Shell Commands and Interface

### **Querying with Hive and Impala**

- Querying with Hive and Impala
- SQL Language Statements
- DDL Statements

- CREATE the DATABASE
- CREATE the TABLE
- Internal and External Tables
- Loading Data in Impala Table
- The ALTER TABLE
- The DROP TABLE
- What is DROP DATABASE?
- Describing the Statement
- Explaining the Statement
- SHOW the TABLE Statement
- INSERT Statement
- SELECT Statement
- Data Type
- The Operators
- About the Functions
- The CREATE VIEW in Impala
- Hive and Impala Query Syntax

### **Data Storage and File Format**

- About the Data Storage and File Format
- The Partitioning Tables
- SQL Statements for Partitioned Tables
- File Format and Performance Considerations

- Choosing the File Type and Compression Technique

## **Working with the Impala**

- Working with the Impala
- Know Impala Architecture
- What is Impala Daemon?
- About the Impala Statestore
- Impala Catalog Service
- Query Execution Flow in Impala
- User - Defined Functions
- Hive UDFs with Impala
- Improving Impala Performance