

ORACLE 19C BIG DATA

Course Code: 100727

Working with Oracle Data Analysis, Big Data Lite VM, Hadoop, Flume, Kafka, NoSQL, MapReduce, Yarn and Much More.

Oracle Big Data is a fast-paced, hands-on course geared for those who want to learn about what big data looks like and how is fulfilled using Oracle's big data platform.

What You'll Learn

Working within in a hands-on learning environment, guided by our expert team, attendees will learn to:

- Big Data Fundamentals and the Oracle Big Data Lite Virtual Machine
- Data Acquisition and Storage
- Working with Hadoop, HDFS, Fuse DFS, Flume, and Kafka, NoSQL and more
- Data Access and Processing with MapReduce and YARN Processing Frameworks
- Data Unification and Integration: Solr, ODI, GoldenGate and more
- Oracle for Data Analysis
- Oracle Big Data Deployment and Security Options

Who Needs to Attend

This hands on course is geared for experienced Database Administrators who possess

- Basic understanding of Oracle Database principles
- Linux operating system fundamentals
- Basic understanding of PL/SQL and Triggers

Prerequisites

- Familiarity with Hadoop and experience programming
- Basic knowledge of SQL

ORACLE 19C BIG DATA

Course Code: 100727

CLASSROOM LIVE

\$1,795 USD

3 Day

Classroom Live Outline

1. Big Data Fundamentals

- Oracle Big Data Strategy
- Oracle Big Data Lite Virtual Machine
- Big Data Ecosystem

2. Data Acquisition and Storage

- Hadoop Distributed File System (HDFS)
- Acquiring Data by Using CLI, Fuse, DFS, Flume, Kafka
- Acquiring and Accessing Data by Using Oracle NoSQL Database

3. Data Access and Processing

- MapReduce and Yarn Processing Frameworks
- Resources Management Using YARN
- Spark
- Hive
- Cloudera Impala
- Oracle XQuery for Hadoop

4. Data Unification

- Solr
- Integration Your Big Data
- Batch Loading Options
- Oracle SQL Connector for HDFS
- Oracle Data Integration and Oracle GoldenGate for Big Data

5. Data Analysis

- Oracle Big Data SQL
- Oracle Big Data Spatial and Graph
- Oracle Advanced Analytics: Oracle Data Mining and Oracle R Enterprise

6. Oracle Big Data Deployment Options

- Oracle Big Data Appliance (BDA)
- Oracle Big Data Cloud Service
- Oracle Big Data Cloud Service -- Compute Edition
- Securing Your Data

ORACLE 19C BIG DATA

Course Code: 100727

VIRTUAL CLASSROOM LIVE

\$1,795 USD

3 Day

Virtual Classroom Live Outline

1. Big Data Fundamentals

- Oracle Big Data Strategy
- Oracle Big Data Lite Virtual Machine
- Big Data Ecosystem

2. Data Acquisition and Storage

- Hadoop Distributed File System (HDFS)
- Acquiring Data by Using CLI, Fuse, DFS, Flume, Kafka
- Acquiring and Accessing Data by Using Oracle NoSQL Database

3. Data Access and Processing

- MapReduce and Yarn Processing Frameworks
- Resources Management Using YARN
- Spark
- Hive
- Cloudera Impala
- Oracle XQuery for Hadoop

4. Data Unification

- Solr
- Integration Your Big Data
- Batch Loading Options
- Oracle SQL Connector for HDFS
- Oracle Data Integration and Oracle GoldenGate for Big Data

5. Data Analysis

- Oracle Big Data SQL
- Oracle Big Data Spatial and Graph
- Oracle Advanced Analytics: Oracle Data Mining and Oracle R Enterprise

6. Oracle Big Data Deployment Options

- Oracle Big Data Appliance (BDA)
- Oracle Big Data Cloud Service
- Oracle Big Data Cloud Service -- Compute Edition
- Securing Your Data



ORACLE 19C BIG DATA

Course Code: 100727

PRIVATE GROUP TRAINING

3 Day

Visit us at www.globalknowledge.com or call us at 1-866-716-6688.

Date created: 2/11/2026 4:03:35 AM

Copyright © 2026 Global Knowledge Training LLC. All Rights Reserved.