Cloudera Developer Training for Apache Hadoop
GK3902

Delivery Type: Classroom
Duration: 4 days

Overview

Learn to create robust data processing applications using Apache Hadoop.

You will learn to build powerful data processing applications in this course. You will learn about MapReduce, the Hadoop Distributed Files System (HDFS), and how to write MapReduce code, and you will cover best practices for Hadoop development, debugging, and implementation of workflows.

This course covers concepts addressed on the Cloudera Certified Developer for Apache Hadoop (CCDH) exam, and you will receive one CCDH exam voucher at the end of class.

Throughout the course, you will write Hadoop code and perform other hands-on exercises to solidify your understanding of the concepts.

Pre-Requisites

✓ Some programming experience (preferably Java)
✓ Knowledge of Hadoop is not required

Objectives

✓ MapReduce and the HDFS
✓ Write MapReduce code in Java or other programming languages
✓ Issues to consider when developing MapReduce jobs
✓ Implement common algorithms in Hadoop
✓ Best practices for Hadoop development and debugging
✓ Use other projects such as Apache Hive, Apache Pig, Sqoop, and Oozie
✓ Advanced Hadoop API topics required for real-world data analysis

Target Audience

Developers who need to write and maintain Apache Hadoop applications.

Certification

- ✓ This course is part of the following programs or tracks:
- ✓ CCDH: Cloudera Certified Developer for Apache Hadoop (CDH3)

Follow on Courses

- ✓ Cloudera Training for Apache HBase
- ✓ Cloudera Training for Apache Hive and Pig