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Cloudera's Developer Training for Hadoop Delivers Key Concepts and Expertise by  
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Hadn't there been any Cloudera, there wouldn't have been Yahoo! and Facebook. Well, almost. Today, Cloudera has become synonymous with biggie web giants because it makes Hadoop. Hadoop in turn controls their search engines and determines the ads displayed next to the results. Therefore, there is a mad rush to learn the ways Cloudera operates and functions; executing a search engines data processing. Cloudera also offers services, training and support for Hadoop and other applications (Cloudera Training for HBase and Cloudera Training for Apache Hive and Pig).

Cloudera's Developer Training for Hadoop delivers key concepts and expertise necessary to create robust data processing applications using Apache Hadoop. Through lecture and interactive, hands-on exercises, students navigate the Hadoop ecosystem, learning topics such as; MapReduce and the Hadoop Distributed File System (HDFS) and how to write MapReduce code, Best practices and considerations for Hadoop development, debugging techniques and implementation of workflows and common algorithms, How to leverage Hive, Pig, Sqoop, Flume, Oozie and other projects from the Apache Hadoop ecosystem, Optimal hardware configurations and network considerations for building out, maintaining and monitoring your Hadoop cluster, Advanced Hadoop API topics required for real-world data analysis.

Similarly, Cloudera's training course for Apache HBase provides Hadoop developers and administrators with the skills they need to install and maintain HBase and develop client code. HBase is an open-source, non-relational, distributed database that provides a fault-tolerant, scalable way to store massive quantities of data. It supports extremely high-volume reads and writes, scaling up to hundreds of thousands of operations per second. It is being used in production by numerous organizations who want extremely high-speed, random read/write access to very large datasets.

Students are imparted with original knowledge and extensive skills regarding HBase. These include; Introduction to Apache HBase, Schema modeling, Apache HBase shell, Apache HBase architecture, Apache HBase Java APIs, Advanced Apache HBase features, Apache HBase deployment.

The Cloudera Training for Apache Hive and Pig work out as follows. Hive makes Hadoop accessible to users who already know SQL; Pig is similar to popular scripting languages. Students who have basic familiarity SQL and/or a scripting language can take this training well. In the Training for Hive and Pig you learn, How Hive augments MapReduce, How to create and manipulate tables using Hive, Hive's basic and advanced data types, Partitioning and bucketing data with Hive, Advanced features of Hive, How to load and manipulate data using Pig, Features of the PigLatin programming language, Solving real-world problems with Pig.

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