

# CLOUDERA ONDEMAND

Convenient. Flexible. Comprehensive. Affordable.

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**Features of OnDemand**

- \_ Search training library by specific topics
- \_ Online content accessible via any laptop or iOS device\*
- \_ High quality cloud-hosted lab environment promoting hands-on work
- \_ Self-paced learning environment
- \_ 180-day for one class or 365-day for course library, unlimited access to course videos while subscription is active

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The skills gap in emerging technologies is continuing to widen. Does your team have the expertise needed to keep pace? Cloudera's OnDemand Training is designed to support both enterprise-wide- and individual training needs to advance big data projects.

The content and labs of Cloudera OnDemand are similar to what you'd find in our traditional classroom-based courses. The OnDemand solution includes video instruction from senior Cloudera instructors and access to cloud-based, preconfigured lab environments. Users can access training across our catalog of courses anytime, in a searchable format, maximizing value for the customer and increasing flexibility, all while saving time and reducing costs.

Whether you are just beginning to invest in organizational big data skills, or are technical veterans who need access to industry-leading curriculum for that next big project – Cloudera OnDemand has the courses to help your organization succeed.

Course Name	Description	Audience/Prerequisites	Time/Lab Hrs
<b>Cloudera University OnDemand</b>	Access to full library of Cloudera University OnDemand courses		<b>Access:</b> 1 year <b>Lab time:</b> 100 hours
<b>Developer Training For Spark &amp; Hadoop</b>	Learn the basics of Apache Spark and how it integrates with the entire Hadoop ecosystem. Review HDFS essentials, as well as how to ingest data with Sqoop/Flume, process distributed data with Spark, model data in Impala and Hive, and best practices for data storage.	For developers who have programming experience in Scala or Python. Basic knowledge of Linux is assumed. Highly recommended for those who are not familiar with Hadoop.	<b>Access:</b> 180 days <b>Lab time:</b> 20 hours
<b>Administrator Training for Apache Hadoop</b>	Learn system administrator concepts and practices for Hadoop installation and configuration, load balancing and tuning, and diagnosing and solving problems in your deployment.	For systems administrators who will be setting up or maintaining a Hadoop cluster. Basic knowledge of Linux is assumed. Knowledge of Hadoop is not required.	<b>Access:</b> 180 days <b>Lab time:</b> 20 hours
<b>Data Analyst Training: Pig, Hive, and Impala</b>	Learn how Apache Pig, Apache Hive, and Apache Impala enable data transformations and analyses via filters, joins, and user-defined functions familiar from other technologies.	For analysts, Business Intelligence specialists, architects, and admins who want to manipulate data in Hadoop using SQL, scripting, and basic knowledge of Linux is assumed. Knowledge of Hadoop is not required.	<b>Access:</b> 180 days <b>Lab time:</b> 20 hours
<b>Training for Apache HBase</b>	Learn how to use HBase as a distributed data store to achieve low-latency queries and highly scalable throughput, covering schema design, application writing, and configuration and maintenance.	For developers and administrators who intend to use HBase. Prior experience with databases and data modeling helpful, as is knowledge of Java, but not required. Knowledge of Hadoop is not required, but Developer Training is an excellent foundation.	<b>Access:</b> 180 days <b>Lab time:</b> 15 hours
<b>Cloudera Search Training</b>	Index data in Hadoop for more powerful real-time queries and integrate Cloudera Search with external applications. Learn how to bring full-text; interactive search; and scalable, flexible indexing to an enterprise data hub.	For developers and data engineers with basic Linux and Hadoop familiarity and Java, C, C++, Perl, or Python programming experience. No prior experience with Solr, HBase, or SQL required.	<b>Access:</b> 180 days <b>Lab time:</b> 15 hours
<b>Cloudera Data Science Workbench Training</b>	Get hands-on experience to complete exploratory data science and machine learning projects using Cloudera Data Science Workbench (CDSW).	Designed for learners using CDSW under a Cloudera Enterprise license or trial. Must have access to a CDSW environment on a Cloudera cluster running Apache Spark 2. Some experience with data science using Python or R helpful but not required. No prior knowledge of Spark or other Hadoop ecosystem tools required.	<b>Access:</b> 180 days

<b>Cloudera Security Training</b>	Introduces experienced system administrators to some of the tools and techniques that Cloudera's Solution Architects use to protect the clusters that our customers rely on for essential business operations	Linux/Hadoop system administrators with basic exposure to Cloudera Manager. Prior Cloudera Administrator Training recommended; No prior computer security training required.	<b>Access:</b> 180 days
<b>Just Enough Python</b>	Teaches the key language concepts and programming techniques you need so that you can concentrate on the subjects covered in Cloudera's developer courses without also having to learn a complex programming language and a new programming paradigm on the fly.	Basic programming experience in at least one commonly-used programming language (ideally Java, Scala, Ruby, Perl, C, C++, PHP, or Javascript will suffice) is assumed	<b>Access:</b> 180 days <b>Lab time:</b> 5 hours
<b>Just Enough Scala</b>	Teaches the key language concepts and programming techniques you need so that you can concentrate on the subjects covered in Cloudera's developer courses without also having to learn a complex programming language and a new programming paradigm on the fly.	Basic programming experience in at least one commonly-used programming language (ideally Java, but Python, Ruby, Perl, C, C++, PHP, or Javascript will suffice) is assumed.	<b>Access:</b> 180 days <b>Lab time:</b> 5 hours
<b>Introduction to Apache Kafka</b>	An introduction to Apache Kafka, including architecture, use cases, topics and partitions, working from the command line, producers and consumers, consumer groups, Kafka messaging order, creating producers and consumers using the Java API. The course also covers integrating Flume and Kafka topics including configuring Flume as a Kafka producer, and configuring Flume as a Kafka consumer.	Basic knowledge of Java and Linux is assumed. The Flafka chapter requires the student to have already completed the "Capturing Data with Flume" chapter from <i>Developer Training for Spark and Hadoop</i>	<b>Access:</b> 180 days <b>Lab time:</b> 5 hours
<b>Introduction to Apache Kudu</b>	Training covers what Kudu is and how it compares to other Hadoop-related storage systems, use cases that will benefit from using Kudu, and how to create, store, and access data in Kudu tables with Impala.	Broad audience involved with either software development or data analysis, including: software developers, data engineers, DBAs, data scientists, and data analysts. Knowledge of SQL is assumed, as is basic Linux command-line familiarity.	<b>Access:</b> 180 days <b>Lab time:</b> 5 hours
<b>Cloudera Essentials</b>	Learn how Apache Hadoop addresses the limitations of traditional computing, helps businesses overcome real challenges, and powers new types of big data analytics. Introduces the Apache Hadoop ecosystem and outlines how to prepare the data center and manage Hadoop in production.	All audiences	<b>Access:</b> Free and open to the public
<b>Cloudera Navigator</b>	This course covers the data discovery, lineage, and auditing features of Cloudera Navigator. Learn how to configure properties with Cloudera Navigator, auditing and metadata components as well as reviewing features for lineage and data exploration.	This course is intended for data stewards, compliance officers, and others who need to track data in the Hadoop cluster. Prior exposure to Cloudera Manager is assumed.	<b>Access:</b> Free and open to the public
<b>Cloudera Director: An Introduction</b>	This course presents an overview of Cloudera Director. With Cloudera Director, you can run production-ready Apache Hadoop clusters on Amazon Web Services, Microsoft Azure, or Google Cloud Platform—only paying for what you use.	This course is best suited to anyone who wants an overview of Cloudera Director. A basic level of technical proficiency is valuable. Prior knowledge of Apache Hadoop is not required.	<b>Access:</b> Free and open to the public
<b>Deploying and Scaling Cloudera Enterprise on Microsoft Azure</b>	This training course delivers key concepts and expertise needed to deploy Cloudera Enterprise on Microsoft Azure. The benefit is a secure cloud service that scales according to your requirements, while providing a secure, highly-available Cloudera Enterprise cloud deployment for long-running and transient data engineering, machine learning, and analytic workloads.	Participants need no prior experience with Cloudera Enterprise, Cloudera Director, Cloudera Altus, Microsoft Azure, or the cloud.  This course is designed for administrators and database administrators, developers, or those with similar operational backgrounds.	<b>Access:</b> Free and open to the public