OnX Big Data Training Solutions

OVERVIEW

Sixty-five percent of the current Fortune 100 are using big data to drive their business. You can too, by getting expert training through OnX University—OnX training is a truly dynamic Hadoop training curriculum that's updated regularly to reflect the state-of-the-art in big data.

What's your training path?

I'm a **System Admin**	I'm a **Developer**	I'm a **Data Analyst**
interested in:	interested in:	interested in:
Cluster management Installation and Configuration Security & Governance	Architecture & fundamentals MapReduce and Yarn Real-time Data Needs Programming	SQL, NoSQL & Scripting languages Sparse & Large scale data sets Creating value & opportunity
Courses:	*Courses*:	*Courses*:
> HDP Administration, 4-Days	> HDP Developer: Apache Pig & Hive, 4-Days	> HDP Data Science, 3-Days

What Makes Us Different?

> Our courses are designed by the technology and industry SMEs/ experts

> We provide an immersive experience in real-world scenarios

> We prepare you to be an expert with highly valued, fresh skills

> Our courses are available at your site or our's

> We keep training to groups to 10 students to ensure all participants get a personized experience and the most value form the training experience

OUR APPROACH

Use OnX University to learn Big Data from seasoned Big Data practitioners that provide valuable real world experience and insights.

Hortonworks Hadoop Data Platform (HDP)

Learn Apache Hadoop from Hortonworks certified data experts.

OnX instructors have real-world experience and offer unmatched depth and expertise. Immerse your people in valuable real-world in-classroom training certified by Hortonworks, the Hadoop experts.

Upon training completion, your team will be awarded a Certificate of Competition by Hortonworks.

Our HDP classes include:

> HDP Administration

> HDP Developer: Apache Pig & Hive

> HDP Data Science

> Custom training is available on request. We will work with you and tailor a 5-Day training that meets your business needs.

HDP ADMINISTRATION

Overview: This course is designed for system administrators who will be managing the Hortonworks Data Platform (HDP) with Ambari. It covers installation, configuration, and other typical cluster maintenance tasks.

This training include hands-on labs to build experience.

Duration: 4-days

Target Audience: IT administrators and operators responsible for installing, configuring and supporting an HDP deployment in a Linux environment using Ambari

HDP DEVELOPER: APACHE PIG & HIVE

Overview: This course is designed for developers who need to create applications to analyze Big Data stored in Apache Hadoop using Pig and Hive. Topics include:
> Hadoop, YARN, HDFS, MapReduce
> Data ingestion
> Workflow definition and using Pig
> Using Hive to perform data analytics on Big Data

This training include hands-on labs to build experience.

Duration: 4-days

Target Audience: Software developers who need to understand and develop applications for Hadoop

HDP DATA SCIENCE

Overview: This course is designed for students preparing to become familiar with the processes and practice of data science, including machine learning and natural language processing. Topics include:

> Tools and programming languages (Python, IPython, Mahout, Pig, NumPy, Pandas, SciPy, Scikit-learn)

> The Natural Language Toolkit (NLTK)

> Spark MLlib

This training include hands-on labs to build experience.

Duration: 3-days

Target Audience: Computer science and data analytics professionals who need to apply data science and machine learning on Hadoop.

See the HDP Data Science Service Brief for more detail

RELATED SERVICES

> OnX HDP Administration Training
> OnX HDP Data Science Training
> OnX HDP Developer: Apache Pig & Hive Training
> OnX Hadoop Appliance
> OnX Hadoop Quick Start
> OnX Hadoop Development
> OnX Business Analytics and Data Science
> OnX Hadoop Administration

PROJECT MANAGEMENT

OnX includes project management as part of all projects to manage the overall project team, create and maintain the project plan, communicate status on a recurring basis and facilitate escalations as needed. This helps to minimize risks and ensure timely and successful service delivery. Additionally, OnX maintains a knowledgebase of "lessons learned" comprised of feedback from all service deliveries to help prevent unforeseen delays and other impact on the project.

WHY ONX?

> Our proven success delivering ~1,100 projects annually.

> Our experience designing and integrating enterprise data center solutions gives our clients access to skills and expertise beyond their in-house IT teams and traditional resellers.

> OnX's industry certifications across a broad selection of best-in-class IT manufacturers and technologies gives us access to information, tools, techniques, and enablement beyond those available to in-house IT teams.

> We utilize Industry, OEM, and OnX Best Practices and capture and apply lessons learned to reduce client risk.

> OnX methodology and project management applied to all projects.