

# HDP Analyst: Apache HBase Essentials (Hadoop)

Learn via: **Classroom / Virtual Classroom / Online**

Duration: **2 Day**

<https://bilginc.com/en/training/hdp-analyst-apache-hbase-essentials-hadoop-926-training/>

## **Overview**

This course is designed for big data analysts who want to use the HBase NoSQL database which runs on top of HDFS to provide real-time read/write access to sparse datasets. Topics include HBase architecture, services, installation and schema design.

## **Prerequisites**

There are no prerequisites for this course.

## **Who Should Attend**

Architects, software developers, and analysts responsible for implementing non-SQL databases in order to handle sparse datasets commonly found in big data use cases.

## **What You Will Learn**

At the completion of the course students will be able to:

- Describe how HBase integrates with Hadoop and HDFS
- Identify architectural components and core concepts of HBase
- Describe HBase functionality
- Install and configuring HBase
- Describe HBase schema design
- Import and export data
- Describe the process of backup and recovery
- Describe HBase functionality
- Install and configure HBase
- Describe how HBase integrates with Apache ZooKeeper
- Describe HBase services and data operations
- Optimize HBase Access
- Monitor and manage HBase