

Big Data Information Architecture: Building an Architecture for Insight with Hadoop

Duration: 1 Day

Description

The advent of big data has changed the world of analytics forever. Big data challenges scalability and big data platforms reshape BI and analytics infrastructure. Hadoop has taken center stage in the big data revolution. We all need to understand the platform, its ecosystem, and how to work with it. The enterprise adoption of Hadoop is met with mixed responses. Join us to learn Hadoop basics, understand the realities, sort out the conflicts, and find out where and how Hadoop fits into your BI and analytics future. We will discuss the ecosystem and its intricacies, look at where it will help, and discuss how companies have embraced its usage.

Audience

Architects, developers, data scientists, anyone interested in developing a sustainable big data architecture, anyone interested in Hadoop and the Apache ecosystem

Outline

Hadoop

- Core components (HDFS, YARN, Zookeeper)
- Tools (Hbase, Hive, Pig, Mahout, Impala, MapReduce)
- Technical architecture
- Administration and management

NoSQL Databases

- MongoDB, Hbase, Cassandra, CouchDB, Riak

Graph Databases

- Neo4J, Giraph

Review and Deployment Discussion