



Online kursus – k72851

Big Data

Title	Estimated Duration (hrs)
The Big Data Technology Wave	1,80
Big Data Opportunities and Challenges	1,80
Apache Hadoop	2,00
MapReduce Essentials	2,00
Ecosystem for Hadoop	1,60
Installation of Hadoop	2,50
Data Repository with HDFS and HBase	2,10
Data Repository with Flume	2,00
Data Repository with Sqoop	1,40
Data Refinery with YARN and MapReduce	1,60
Data Factory with Hive	2,10
Data Factory with Pig	1,90
Data Factory with Oozie and Hue	2,70
Data Flow for the Hadoop Ecosystem	1,90
Designing Hadoop Clusters	2,20
Hadoop in the Cloud	2,90
Deploying Hadoop Clusters	3,00
Hadoop Cluster Availability	2,80
Securing Hadoop Clusters	3,50
Operating Hadoop Clusters	2,90
Stabilizing Hadoop Clusters	3,70
Capacity Management for Hadoop Clusters	2,20
Performance Tuning of Hadoop Clusters	2,70
Cloudera Manager and Hadoop Clusters	3,80
Big Data Corporate Leadership Perspective	1,00
Big Data Engineering Perspectives	1,10
Big Data - The Legal Perspective	0,70
Big Data Marketing Perspective	0,80
Big Data Strategic Planning	0,90
Big Data Sales Perspective	0,70
Apache Kafka Operations	2,30
Apache Kafka Development	1,40
Kafka Integration with Spark	1,10
Kafka Integration with Storm	0,80
Clustering with Kafka	1,00
Kafka Real-time Applications	1,00
Apache Storm Introduction – Architecture and Installation	2,80
Apache Storm Introduction - API and Topology	3,10
IBM BigInsights Fundamentals: Hadoop Solution	1,40
IBM BigInsights Fundamentals: Analyzing, Querying, and Extracting Big Data	1,50
Apache Solr – Deployment and Configuration	2,40
Apache Solr - Query and Data Management	1,70
Managing Big Data Operations	0,70

Quality and Security of Big Data Operations	0,70
Introduction to Hadoop	1,50
Introduction to Data Modeling in Hadoop	1,10
Introduction to Apache Spark	1,00
Apache Spark SQL	1,20
Structured Streaming	1,20
Spark Monitoring and Tuning	1,00
Spark Security	0,60
Hadoop Distributed File System	0,60
Hadoop Clusters	0,90
Apache Hadoop on Amazon EMR	0,90
Hadoop Ranger	0,90
Hadoop Maintenance and Distributions	0,70
Accessing Data with Spark: An Introduction to Spark	1,10
Accessing Data with Spark: Data Analysis Using the Spark DataFrame API	1,20
Accessing Data with Spark: Data Analysis using Spark SQL	0,90
Big Data Fundamentals	0,40
Big Data Interpretation	0,40
Programming and Deploying Apache Spark Applications	3,00
Spark Core	2,10
Spark Streaming	2,70
Mllib, GraphX, and R	2,90
Ingesting Data and Computing for Batch Processing	1,60
Designing Batch Processing and Data Security	2,00
Ingesting Data and Computing for Real-time Processing	1,50
Designing the Lambda Architecture and Real-time Processing	1,80
Provisioning an Azure Data Factory	1,30
Managing Activities and Data for Azure Big Data Analytics	1,50
Automation and Machine Learning	1,80