

# € TRAINING

Big Data Overview for IT Executive



27 - 31 October 2019  
Cairo (Egypt)  
Safir Hotel Cairo



## Big Data Overview for IT Executive

REF: B12410 DATE: 27 - 31 October 2019 Venue: Cairo (Egypt) - Safir Hotel Cairo Fee: 2500 Euro

### What you will learn:

This Big Data Overview training teaches technical managers and decision makers the essential concepts of big data.

### Learn To:

- Describe the role of Hadoop and its use in the Big Data platform. Describe the concepts of big data.
- Identify the business implications of big data for an organization.
- Identify the key products in big data platform and describe their functional role.

### Benefits to You:

- By enrolling in this course, you'll develop a deeper understanding of what big data means to your organization.
- You will walk away with more knowledge about the role of the platform and its components, including NoSQL Database,
- Hadoop Distributed File System, Data Mining and Big Data Connectors.

### Audience:

- Business Analysts.
- CIO/CTO.
- Configuration Consultant.
- Data Center Manager.
- Database Administrators.
- IT Director.
- Systems Architects.

### Course Objective:

- Identify the key products in big data platform and describe their functional role.
- Describe the concepts of big data.
- Identify the business implications of big data for an organization.
- Describe the role of Hadoop and its use in the Big Data platform.

### Course Topics:

#### Big Data at Work:

- What is Big Data?
- Business Challenges.
- Getting Fast Answers to New Questions.
- Industry Examples.
- Building Your Big Data Strategy.

## Building a Big Data System:

- A General Look at Big Data Systems.
- Big Data Solution.
- NoSQL Database Hadoop.
- Distributed File System.
- In-Database Analytics Platform.

## Building a Big Data System Using NoSQL Database:

- What is a Key-Value Store?
- Why Would I Need a NoSQL Database?
- Using NoSQL Database to Run a Website.

## Using Hadoop and Hive to Store and Transform Data:

- What is Hadoop?
- Interacting with HDFS.
- MapReduce.
- Using Hive to Transform Data.

## Integrating Hadoop Data into:

- Big Data Connectors.
- Data Integrator Working on Hadoop Data.
- Transforming Data in ODI.

## Using Advanced Analytics to Mine Data:

- Mining Database Data with R Enterprise.
- Mining Hadoop Data with R Connector for Hadoop Creating.
- Real-Time Similarity Scores with Data Mining.