KNOWLEDGE
For Training

1. Course Details:

Course Code : DSBA-002
Course Title : Big Data Analytics, Architecture, Management and Applications
Course Duration : 5 Days

2. Course Overview

- This course covers the major architecture designs required to cater to different needs of the application, data center or deployment requirements. This course provides architectural designs and advanced hands-on training on topics covering Scaling of cluster to thousands of nodes and management, Lambda architecture for streaming analytics, Data Life Cycle managementand Work-load Automation topics concerning the deployment of Big Data clusters. This course will cover the application and infrastructure architecture components for each use case with specific focus on Hadoop deployments.

3. Learning Outcomes:

- Scale up to thousands of nodes
- Be familiar with Business Analytics including Splunk
- Install and configure Red Hat, SPLUNK
- Describe Edge Analytics (Social Media, IoT)
- Describe SQL on Hadoop
- Describe Data Life Cycle management for Tiered Storage of Hot, Warm and Cold data
- Review End to End Automation for Big Data
- Describe Disaster Recovery
- Apply Security

4. Course Contents:

- Module 1: Scaling to thousands of nodes - ACI
- Module 2: Analytics Splunk
- Module 3: Edge Analytics (Social Media, IoT)
- Module 4: SQL on Hadoop
- Module 5: Data Life Cycle management - Tiered Storage of Hot, Warm and Cold data
- Module 6: Hadoop as a Service (on OpenStack)/Multi-tenant Hadoop cluster
- Module 7: Hadoop as a Service on Bare Metal
- Module 8: Disaster Recovery
- Module 9: Security

5. Our Methodology:

- Make coaching and monitoring innovative and using modern
- Media training also using on the go training by using interactive means and focusing on
- The exercises, practical applications and real situations study.
- Live delivery method, instructor-led training.
- Experienced consultant, trainers, and professional.
- Qualified trainer with high-level experience

6. Attendance Reports:

- Send daily attendance reports to trainingdep
- Send full attendance report to training dep. by the end of thecourse
- Attend 100 % from the course days also providedaily
- Issue attendance certificate for participant who attend minimum 80% from the course duration

7. Pre/Post Reports:

- Pre- assessment before starting training.
- Post assessment after finish training
- Full report for the deferent between Pre-& Post assessment

8. Who Should Attend?

- Business Analysts
- Financial Analysts
- Managers, Heads of Departments, and Directors
- Data Center
- Data Architects