1. Course Details:

Course Code : DSBA-004
Course Title : Data Science Essentials
Course Duration : 5 Days

2. Course Overview

- The aim of this course is to provide the end users with the concepts and skills necessary to understanding data modeling in data science and big data. It covers important topics such as business understanding, the analytical approach, data requirements, data collection, data understanding and preparation, modeling, evaluation, deployment, feedback, and demonstrating many algorithm groups that related to data clustering, classification, prediction and association.

3. Learning Outcomes:

- Ability to build the right team who can leverage data to deliver meaningful results that improve business challenges.
- Insight to lead teams of functional experts such as analysts and technologists, and strategically connect technical skills with business objectives.
- Understanding of how complex data can be harnessed to grow and scale an organization, giving you a competitive advantage in your industry.

4. Course Contents:

Module 1: Principles of Data Science
- Gain an understanding of the foundations of data science and its applications

Module 2: Data Science Processes, Impact, and Functions
- Evaluate how the data science process can be used to address business problems

Module 3: Modern Applications of Data Science
- Realize the potential of data science in your organization through modern applications

Module 4: Building a Data Science Team
- Learn how to recruit, retain and develop data science talent for your organization

Module 5: Measuring the Success of Data Science Projects
- Measure key performance indicators to recognize the drivers of value from data science impacts

Module 6: Digital Transformation Strategies
- Develop your planning and strategy skills by implementing a data science project

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?

- Non-technical employees who are working at Government, private companies or civil organizations
- Managers, Heads of Departments, and Directors
- Data Center
- Individuals responsible for designing and implementing big data solutions,
- Data Scientists and Data Analysts