1. Course Details:

Course Code : DSBA-005
Course Title : Computerized Data and Analysis
Course Duration : 5 Days

2. Course Overview

- Data Gathering isfocus on usingdata effectively in the workplace. The collection, analysis, andinterpretation of data for decision-making and problem solving within organizations is covered. Topics include question posing, qualitative data gathering and analysis, quantitative data gathering and analysis, descriptive statistics, beginning inferential statistics, feasibility techniquesand process analysis.
- This course will use an extensive series of cases and problems and conclude with student projects that demonstrate an ability to take a problem from inquiry and data gathering, through analysis and solution identification, to formal presentation

3. Learning Outcomes:

- Conduct comprehensive searches of research literature in the field of exercise and sport science.
- Analyze and interpret peer-reviewed resources and draw appropriate conclusions from research literature in exercise and sport science.
- Critically analyze research methodologies in exercise and sport science by being able to accurately describe the strengths and weaknesses of the research.
- Identify and manage issues concerning ethical practice in research.
- Accurately collect and analyze data related to a potential problem/research area.
- Interpret the findings from data analyses and make appropriate conclusions about identified problems/research
- Clearly present a summary of the data and findings in a variety of modalities.

4. Course Contents:

- Data versus Information versus Knowledge
- Data collection - importance and business value
- Data representation: data types, images, sounds
- Data storage: relational, hierarchical (XML), big data
- Data retrieval and management methods
- Data analysis and visualization techniques
- Data privacy and security issues

- Real world case studies and future directions
- Principles of Quantitative Data Collection
- Preparing, Exploring and Describing Quantitative Data
- Analyzing and Interpreting Quantitative Data

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 Systems Analysts
- Software Engineers, Developers
- Systems Engineers, Electrical Engineers
- Improvement Staff
- Test Engineers, Testers, Quality Assurance Staff