

Helping Your Organization Develop World-Class Competency In...

# Big Data Acquisition, Filtering, Cleaning & Integration

Providing State of the Art Frameworks & Protocols  
Current & Future Approaches for your Organization

2 Week Training Workshop

- ✓ Decision Support Data Needs
- ✓ Removing Statistically Non-Representative Data
- ✓ Strategic Processes Data Needs
- ✓ Processing Outlier Data

A 2 Week Training Workshop

## Program Overview

Data Acquisition and Initial Processing is an Important Part of Data Science Knowledge. This program provides the participant understanding of the full range of Protocols, Frameworks, Software and methods to analyze and understand Big Data Acquisition, Filtering, Cleaning & Integration needs, technologies, methods, eMethods, key success factors, procedures, processes, forms, checklists, controls, feedback, improvements and strategic alignment. Program also helps devise strategies for the fulfilment of the Big Data Acquisition, Filtering, Cleaning & Integration knowledge and skill requirements of the job and to effectively manage the participant's department, business unit or organization.

Participant will take away a detailed understanding of the step-by-step methodology for implementing Big Data Acquisition, Filtering, Cleaning & Integration good and Best Benchmarked Practices. This is a very practical job skills and competency building program ensuring the participant will be able to contribute effectively to Specify, Design and Implement Highly Scalable Robust Solutions for his Business.

## Program Content

1. Big Data Successful Case Studies
2. Big Data Value Chain
3. Big Data Sources
4. Real Time Streaming Data
5. Event and Transaction Data
6. Differentiation Opportunities through Big Data
7. Market Disruption Possibilities using Big Data
8. New Product Development Decision Support Data Acquisition
9. New Service Development Decision Support Data Acquisition
10. Proactive Real Time Marketing Support Data Acquisition
11. Production Support Data Acquisition
12. Strategic Processes Data Acquisition
13. Checklists of Valuable Data for your Industry
14. Future Valuable Data for your Industry
15. Legal & Contractual Issues with Big Data
16. Regulatory Compliance Systems for Big Data
17. Data Filtering Analysis & Methods
18. Ensuring Prioritizing through 4V's System
19. Statistical Techniques for Data Science

## Big Data Acquisition, Filtering, Cleaning & Integration Training Program (DAI745-2)

20. Identifying & Removing Statistically Non-Representative Data
21. Processing Outlier Data Big Data Acquisition
22. Filtering to Remove Irrelevant Information
23. Cleaning to Remove the Outliers
24. Integration to Assemble Analyzable Data
25. Open Latest Frameworks and Protocols
26. Oracle's Three Step Approach
27. Velocity's Connected Layer System
28. Unstructured, Semi-Structures and Structured Data Collection Protocols
29. AMQP Advanced Message Queuing Protocol
30. Java Message Service (JMS) Protocol
31. OASIS Protocol Standards
32. Frameworks for Storage of the Data
33. Understanding Software Framework Tools (Storm, S4, Kafka, Flume, Apache Hadoop)
34. Leveraging Technologies and Methodologies Developed by other Industries
35. Future Needs and Emerging Trends in Big Data
36. Workshop 1
37. Documenting and Implementing a Systematic Process (Quality Assured System) to Implement Big Data Acquisition, Filtering, Cleaning & Integration System in your Business Unit
38. Workshop 2
39. An Individualized Action Plan for Implementing a Data Acquisition and Preparation System
40. Program Recommendations

### Who Should Attend?

Managerial and Technical Professionals interested in building a good multi-discipline understanding of the issues involved in Big Data Acquisition, Filtering, Cleaning & Integration work area. Participants interested in becoming productive quickly and in building a Big Data Acquisition, Filtering, Cleaning & Integration knowledge framework that will help

them identify, understand, classify and remember on the job learning and experiences. For Implementation Teams: This program can be used to train implementation teams - when a new related project or initiative is being started in your Big Data department, business unit or organization; when a new strategic focus is being initiated; or just prior to hiring a consultant to advise the organization on Big Data initiatives and Improvements.

### Program Outcomes and Take-Away/s

Euro Training is in the business of providing practical useful training programs. Programs that

1. Help the participant implement improvements in his organization.
2. Help the participant gain Multi-discipline understanding of the issues so that he can incorporate the needs and expectations of all his stakeholders/ customers in his improvement proposals and actions.
3. Help build a knowledge framework in which job related experience can be caught and remembered as his experience.

### Benefits to Organization

Sending participant/s to this program will benefit the organization in the following ways

1. Quickly makes the participants competent, effective and productive on his job. Useful especially for
  1. Training New employees
  2. Competency Building in Existing Employees Transferred to a New Assignment
  3. Training Prior to a New Project or Initiative Planned in the Organization
2. Create Competency in the employee to perform his job well. including in relation to
  1. Relevant Technical Knowledge, Skills and Competencies
  2. Organizations' Strategic Objectives
  3. Needs and Expectations of the Stakeholders/ Customers (internal & external)

## Big Data Acquisition, Filtering, Cleaning & Integration Training Program (DAI745-2)

4. Good Management Practices
5. Identifying opportunities to Exceed Stakeholder/ Customer Expectations
3. Create a pool of trained manpower that can cost-effectively disseminate the knowledge to a large number of employees inside the organization. This is made possible by Euro Training's unique, easy to understand and easy to use methodology, based on *checklist and quality assurance* approaches.
4. Euro Training instructors often act as mentors for the participants. It's the most effective way to ensure effective competency development and the subsequent application of those competencies on the job, by your motivated staff. We do have consultants available across Americas, Europe, Asia and Africa (Please inquire about our post program mentoring plans).

### Participant Individual Career Benefits

1. You gain a multi-discipline understanding of the issues. Meaning when you make proposals and decisions on your related job you will keep in mind the needs and expectations of ALL the stakeholders/ customers (internal & external)
2. The action plan you take away will help you make a difference in your business unit or organization! When you talk about this difference you have made to your organization in your resume, you will be a prime candidate for career advancement in your own organization or in your next job(s).
3. Understanding and acting with understanding of the Needs and Expectations of your stakeholders/ customers is known to enhance Job Satisfaction and reduce Monday Morning Blues.
4. As one of your stakeholders/customers is Executive Management, the program ensures that you know the strategic imperatives that drive the organization's efforts in your relevant job area.

### This Program is Intended for...

**Those new to the field** take away a good multi-discipline understanding of the issues involved in their work. It helps them in becoming productive quickly and in building a knowledge framework that will help them identify, understand, classify and remember on the job learning and experiences.

**More experienced participants** take away an individualized action plan as mentioned in the previous sections.

**Implementation Teams:** This program can be used to train implementation teams...

1. when a new project or initiative is being started in your organization
2. when a new strategic focus is being initiated
3. just prior to a consultant being hired to advise the organization

### Registration Recommendations

**Team Nominations:** This program aims to ensure the participants have their individualized improvement plan at the end of the program. So, foreseeing the effort involved, anticipating resistance and implementation requirements, it is recommended that the organization nominate **at least two participants together** (three will be more desirable) for this program.

It is anticipated that these 2 or more participants will work together as a team or provide mutual support in order to implement the action plan.

**Single nominations** will also be accepted for the program. Single nominations are typically used to -

1. Develop personnel skills in critical skills and methodologies covered in this program.
2. Train individuals for leadership roles in business units or departments. This program will help the participant coach and lead his team in these critical skills and methodologies. (The program typically does not cover coaching skills but provides the related technical understanding in an easy to communicate manner).

### For Latest Program Schedule Email:

dai745-2@EuroTraining.com

www.eurotraining.com/bro/dai745-2.php

<b>REGISTRATION FORM</b>	
<b>Program:</b>	<b>Big Data Acquisition, Filtering, Cleaning &amp; Integration Training Program (DAI745-2)</b>
Location Where Attending:	
Program Dates:	
Whether Participant will Consider Alternate date if one requested is not available:	
Participant Name Prefix: Mr/Ms/Mrs	
Participant Name:	
Participant Job Title:	
Participant Department & Section:	
Participant Employer/ Company:	
Participant's Present Job Responsibilities:	
Participant Email Address:	
Participant Mobile Number:	
<u>Sponsored by:</u>	
Sponsoring Company:	
Job Title of Sponsoring Authority:	
Name of Sponsoring Authority:	
Email of Sponsoring Authority:	
Fax of Sponsoring Authority:	
Telephone Nos. of Sponsoring Authority:	
Web Site of Sponsoring Company:	
Invoice Reference:	
Invoicing Address:	

<b>REGISTRATION INFORMATION</b>
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1. To register: Please send us an official letter confirming registration (on organizational letterhead or Authorized Email).
2. Program Fee is
  - o USD \$8,900 per participant and includes Course Materials, Certificate, Refreshments and Lunch. (Fee at London, Paris and Kuala Lumpur is \$9,790 per participant)
3. Accommodation & Taxes/VAT (if applicable) is not included in Program fee. Special rates will be available at venue hotel for the participants.
4. Special discount of 10% is offered for participants who pay their fees at least 45 days before start of the program.
5. Refund will not be considered where the participants cancel his registration less than 3 weeks before start of the program. Alternate nominations will be allowed anytime before program start.
6. All participants are required to fill in Participant Information form - on first day of the program. Each program Undergoes Customization to Better Meet Participant Present and Future Career Needs. Please be prepared to let the Instructor/s know about your organization's Special Needs, Interests or Initiatives.
7. It is always useful for participants to bring their existing useful problems or case studies, work-process flow charts or job related problems for discussion - consideration will be at sole discretion of the program director/s.
8. Provisional Registration: You can make a provisional registration by sending us an email – an official registration request can be made within 2 weeks. This will ensure we will reserve a seat. All provisional registrations automatically cancel 2 weeks before program start.
9. Please note: No Live Voice Requests for Registration or Provisional Registrations.