



*Training Course:  
Big Data Management*

*30 June - 4 July 2025  
Barcelona (Spain)  
Grupotel Gran Via 678*

## Training Course: Big Data Management

Training Course code: IT235039 From: 30 June - 4 July 2025 Venue: Barcelona (Spain) - Grupotel Gran Via 678 Training Course Fees: 6000 € Euro

### Introduction:

The world today is producing vast amounts of data, and the ability to manage and analyze this data effectively is becoming increasingly important for businesses of all sizes. This training program is designed to provide participants with an overview of the principles and practices of big data management.

### Objectives:

By the end of this training program, participants will be able to:

- Understand the basics of big data and its applications in different industries
- Identify different types of data and their sources
- Understand the importance of data governance and security
- Develop skills for managing and processing large datasets
- Apply different analytical techniques to extract insights from data

### Target Audience:

This training program is ideal for professionals who work with data or are responsible for data management within their organization. It is also suitable for business analysts, data scientists, IT managers, and executives who want to understand the basics of big data management.

### Outline:

Day 1:

#### Introduction to Big Data

- Definition of big data
- Characteristics of big data

- Applications of big data in different industries
- Challenges of managing big data

## Day 2:

### Types of Data and Data Sources

- Structured, semi-structured, and unstructured data
- Internal and external data sources
- Data quality and data profiling
- Data integration and data mapping

## Day 3:

### Data Governance and Security

- Principles of data governance
- Data ownership and data stewardship
- Compliance and regulatory requirements
- Security and privacy considerations

## Day 4:

### Big Data Processing and Management

- Hadoop and MapReduce
- Distributed computing and storage
- Data warehousing and data lakes
- Big data architecture and infrastructure

Day 5:

#### Big Data Analytics and Insights

- Introduction to data analytics
- Data visualization and reporting
- Predictive analytics and machine learning
- Big data case studies and best practices

## Registration form on the Training Course: Big Data Management

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Complete & Mail or fax to Global Horizon Training Center (GHTC) at the address given below

### Delegate Information

Full Name (Mr / Ms / Dr / Eng): .....  
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Personal E-Mail: .....  
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### Company Information

Company Name: .....  
Address: .....  
City / Country: .....

### Person Responsible for Training and Development

Full Name (Mr / Ms / Dr / Eng): .....  
Position: .....  
Telephone / Mobile: .....  
Personal E-Mail: .....  
Official E-Mail: .....

### Payment Method

- ☐ Please find enclosed a cheque made payable to Global Horizon
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### Easy Ways To Register

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