



*Training Course:
Data Science for Business Intelligence*

*5 - 9 May 2025
Kigali (Rwanda)*

Training Course: Data Science for Business Intelligence

Training Course code: MA234978 From: 5 - 9 May 2025 Venue: Kigali (Rwanda) - Training Course Fees: 5950 € Euro

Introduction:

- Define data science and its role in business intelligence
- Discuss the types of data used in business intelligence
- Review the benefits and challenges of data science for business intelligence
- Explain how to implement a successful data science strategy for business intelligence

Objectives:

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

- Understand the concept and benefits of data science for business intelligence
- Identify and evaluate relevant data sources
- Use data science tools and techniques to inform business decisions
- Communicate findings and recommendations to stakeholders
- Design and implement a data science strategy for business intelligence

Target audience:

This training program is designed for business analysts, data analysts, IT professionals, and anyone involved in business intelligence strategy and implementation.

Outlines:

Day 1: Introduction to Data Science for Business Intelligence

- Understanding the role of data science in business intelligence
- Identifying relevant data sources: internal and external

- Mapping your organization's data landscape
- Overview of data science tools and techniques

Day 2:

Data Cleaning and Preparation

- Data wrangling and cleaning techniques
- Handling missing data and outliers
- Data transformation techniques

Day 3:

Data Modeling and Analysis

- Introduction to statistical analysis
- Regression analysis and hypothesis testing
- Classification and clustering techniques

Day 4:

Data Visualization and Communication

- Choosing the right data visualization tools
- Creating effective visualizations and dashboards
- Best practices for communicating data findings and recommendations to stakeholders

Day 5:

Case Studies and Wrap-up

- Reviewing real-world examples of successful data science strategies for business intelligence

- Discussing lessons learned and best practices
- Q&A and course evaluation

Registration form on the Training Course: Data Science for Business Intelligence

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