

aractech

Global Learning for Operational Leaders

DIGITAL INNOVATION AND TRANSFORMATION

The Complete Course on Data Science & Big Data Analytics

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Course content

Why Attend

Course Introduction

Information can come in various forms and from multiple sources. Mastering the ability to extract, model, and analyze this information can offer significant commercial advantages.

Course Methodology

Course Objectives

Target Audience

Course outline

Detailed course outline

Day-by-day outline for The Complete Course on Data Science & Big Data Analytics.

Day 1 - Big Data Analytics

- Current Practices and trends in Big Data Analytics
- Business Intelligence v Data Science
- Analytical Architecture for Big Data
- Roles for Big Data within the Technology and Commercial Enterprise
- Key Drivers for Big Data Analytics
- Case Study and Summary

Day 2 - Data Analytics Models and Lifecycle

- Data Analytics Lifecycle
- Stage 1 - Discovery
- Stage 2 - Preparation of Data
- Stage 3 - Model Planning and Review
- Stage 4 - Model Creation
- Stage 5 - Communication Plan

Course outline

Detailed course outline

Day-by-day outline for The Complete Course on Data Science & Big Data Analytics.

Day 3 - Data Analytical Methods and Programs Overview

- Overview of R Framework
- Overview of Big Data Analytics
- Exploratory Data Analysis
- Statistical methods of Evaluation
- Advanced Methods of Clustering
- Advanced Theory and Methods of Association Rules

Day 4 - Advanced Theory and Methods Overview

- Advanced Analytical Theory of Classification
- Advanced Analytical Theory of Time Series Analysis
- Advanced Analytical Theory of Textual Analysis
- Technology and Tools for Advanced Data Analytics
- Use Case and Assessment
- Case Study and Summary

Course outline

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Day 5 - Technology, Tools and Achieving Results

- Unstructured Data Analytics
- Advanced Analytical Tools in Database Analytics
- How integrate Data Analytics
- Current Best Practice Management and Approach for Project Delivery
- Data Visualization Overview
- Summary ad Case Study

Seminar dates

Available seminar dates

Live dates and pricing for The Complete Course on Data Science & Big Data Analytics generated from the course details page.

Date	Location	Format	Fee
18 - 22 May 2026	Rome	Classroom	€2,975
22 - 26 June 2026	Munich	Classroom	€2,415
13 - 17 July 2026	Amsterdam	Classroom	€2,975
17 - 21 August 2026	London	Classroom	€2,940
21 - 25 September 2026	Istanbul	Classroom	€1,995
19 - 23 October 2026	Vienna	Classroom	€2,975
2 - 6 November 2026	Barcelona	Classroom	€2,695

Live online option

Online delivery is available at €1,250.