



*Training Course:
Leadership Mastery for Data Science:
Developing Technical Leaders*

*16 - 20 November 2026
Cape Town (South Africa)
DoubleTree by Hilton Cape Town - Upper Eastside*

Training Course: Leadership Mastery for Data Science: Developing Technical Leaders

Training Course code: LS234952 From: 16 - 20 November 2026 Venue: Cape Town (South Africa) - DoubleTree by Hilton Cape Town - Upper Eastside Training Course Fees: 6350 € Euro

Introduction

This 5-day intensive program is tailored for those stepping into leadership roles in the data science field, such as **Principal Data Scientists** and **Technical Leads**. The program equips participants with the leadership skills and technical expertise needed to manage data science projects, lead teams, and drive innovation in a rapidly evolving business environment.

Objectives

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

- Understand the fundamentals of leadership and its importance in data science
- Develop communication and collaboration skills specific to leading technical teams
- Strengthen project management skills for data science projects
- Enhance technical proficiency in machine learning, data science methodologies, and programming languages
- Apply leadership techniques through case studies and real-world scenarios

Target Audience

This program is designed for:

- Data Science Team Leads
- Data Science Project Managers
- Principal Data Scientists and Senior Data Science Managers
- Data Science Professionals looking to transition into leadership roles
- Leaders responsible for managing data science teams and initiatives

Program Outline

Day 1: Introduction to Leadership in Data Science

- Understanding Leadership in Data Science
 - Leadership styles and their impact on data science teams
 - The role of leadership in driving innovation and performance
- Self-Assessment and Leadership Development
 - Identifying personal leadership strengths and areas for improvement

- Building emotional intelligence and self-awareness for effective leadership

Day 2: Communication and Collaboration in Leadership

- Effective Communication for Data Science Leaders
 - How to communicate technical concepts to non-technical stakeholders
 - Building trust and credibility with team members
- Collaboration and Conflict Management
 - Fostering a collaborative work environment in data science teams
 - Conflict resolution strategies and maintaining team motivation

Day 3: Project Management for Data Science Leaders

- Fundamentals of Project Management
 - Planning, executing, and delivering data science projects
 - Managing time, resources, and team efforts effectively
- Problem-Solving and Decision-Making in Data Science Projects
 - Techniques for making data-driven decisions
 - Handling risks and adapting to changes during project execution

Day 4: Technical Skills and Strategic Thinking for Data Science Leaders

- Review of Key Data Science Methodologies
 - Machine learning algorithms, data visualization, and programming tools
 - Data management, governance, and best practices
- Strategic Thinking for Technical Leaders
 - Aligning data science initiatives with organizational goals
 - Identifying new opportunities and fostering innovation

Day 5: Mentorship, Coaching, and Final Project

- Mentorship and Leadership Coaching
 - One-on-one mentorship sessions to address leadership challenges
 - Feedback on personal leadership styles and approaches
- Final Project
 - Leading and managing a mock data science project
 - Presenting strategies, solutions, and results to the group for peer evaluation

Registration form on the Training Course: Leadership Mastery for Data Science: Developing Technical Leaders

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

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