Global Horizon
TRAINING CENTER

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

9 - 13 June 2025
Rome (Italy)

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

Training Course code: LS234952 From: 9 - 13 June 2025 Venue: Rome (Italy) - Training Course Fees: 5750 ⃝ Euro

Introduction

This customized leadership development program is designed for individuals who have recently taken on a new leadership role as a Principal Data Scientist and Technical Lead. The program will provide participants with the necessary skills and knowledge to effectively lead and manage data science projects and teams.

Objectives

- To understand the fundamentals of leadership, including different leadership styles and the characteristics of an effective leader

- To develop effective communication and collaboration skills

- To learn the fundamentals of project management and how to lead and manage data science projects

- To acquire technical skills in data science, machine learning, data visualization, and programming languages

- To apply the concepts and skills learned through case studies and real-world examples

- To receive mentorship and coaching from experienced leaders in the field

Competencies

- Leadership skills

- Communication and collaboration skills

- Project management skills

- Technical skills in data science and machine learning

- Problem-solving and decision-making skills

Personal Benefits

- Improved leadership skills and confidence

- Enhanced communication and collaboration skills

- Increased ability to manage and lead data science projects

- Improved technical skills and knowledge

- Increased problem-solving and decision-making abilities

- Opportunities for mentorship and coaching

Organizational Benefits

- Improved leadership capabilities of data science teams

- Enhanced communication and collaboration within data science teams

- Increased ability to manage and lead data science projects

- Improved technical skills and knowledge of data science teams

- Increased problem-solving and decision-making abilities within data science teams

- Improved alignment of data science initiatives with organizational objectives

Training Methodologies

- Classroom instruction

- Group activities and discussions

- Case studies and real-world examples

- Mentorship and coaching

- Final project

Target Audience

- Data Science Team Leads

- Data Science Project Managers

- Data Science Department Heads

- Data Science Managerial staff

- Senior Data Scientists with management responsibilities

- Data Science Managers with Technical Lead responsibilities

- Principal Data Scientists in a Technical Lead role

- Individuals who have recently taken on a new leadership role in a data science team

Training Outline

Module 1: Introduction to Leadership

- Overview of leadership styles and their characteristics

- The role of a leader in an organization

- Characteristics of an effective leader

- Self-assessment of leadership skills

Module 2: Communication and Collaboration

- Importance of effective communication in a leadership role

- Building and maintaining relationships with team members, stakeholders, and other key players in the organization

- Collaboration skills and techniques

- Handling conflicts and difficult situations

Module 3: Project Management

- Fundamentals of project management

- Planning, execution, monitoring and controlling, and closing phases

- Managing and leading teams and projects effectively

- Problem-solving and decision-making skills

Module 4: Technical Skills Review

- Data Science methodologies

- Machine learning algorithms and techniques

- Data visualization techniques

- Programming languages and tools used in data science

- Best practices for data management and governance

Module 5: Case Studies and Real-World Examples

- Analysis and solving problems using data science techniques

- Leading and managing data science projects

- Group activities and discussions

Module 6: Mentorship and Coaching

- Mentorship and coaching from experienced leaders in the field

- Opportunities for participants to ask questions, receive feedback, and learn from the experiences of others

Module 7: Final Project

- Leading and managing a data science project from start to finish

- Presentation and evaluation of the final project

Registration form on the Training Course:
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