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

2 - 6 September 2024
Manchester (UK)

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

Training Course code: LS234952 From: 2 - 6 September 2024 Venue: Manchester (UK) - Training Course Fees: 5250 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.

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

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Person Responsible for Training and Development

Full Name (Mr / Ms / Dr / Eng): ....
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Payment Method

☐ Please find enclosed a cheque made payable to Global Horizon

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