



*Training Course:  
Strategic Problem Solving and Innovation for  
Technical Advisors*

*8 - 12 December 2024*

*Cairo (Egypt)*

*Holiday Inn & Suites Cairo Maadi, an IHG Hotel*

# Training Course: Strategic Problem Solving and Innovation for Technical Advisors

Training Course code: SC235578 From: 8 - 12 December 2024 Venue: Cairo (Egypt) - Holiday Inn & Suites Cairo Maadi, an IHG Hotel Training Course Fees: 3575 € Euro

## Introduction

In an ever-evolving technological landscape, technical advisors must not only solve complex problems but also drive innovation that leads to competitive advantage and operational excellence. The "[Strategic Problem Solving and Innovation for Technical Advisors](#)" program is designed to provide technical professionals with advanced skills in diagnosing issues, developing innovative solutions, and implementing strategies that align with organizational objectives.

This course emphasizes a strategic approach to technical problem-solving while encouraging creativity and innovation. Participants will learn how to use structured frameworks to address challenges, apply cutting-edge technologies in their solutions, and foster a culture of innovation within their teams and organizations.

## Objectives

- Develop advanced problem-solving skills using strategic frameworks.
- Encourage innovation in technical problem-solving to drive long-term success.
- Learn how to apply design thinking and creative methodologies to technical issues.
- Align problem-solving strategies with business objectives and technical requirements.
- Enhance collaboration and communication skills to implement innovative solutions.
- Utilize data, tools, and technologies for enhanced problem-solving and decision-making.

## Target Audience

- Technical advisors, consultants, and engineers.
- IT managers and solution architects.
- Project managers and team leaders in technical fields.
- Professionals involved in technical advisory or innovation-driven roles.
- Senior technical staff looking to enhance their strategic and innovative capabilities.

## Outlines

Day 1:

### Strategic Problem-Solving Frameworks

- Introduction to strategic problem-solving in technical environments.
- Understanding the complexity of technical challenges.
- Applying problem-solving models like PDCA, Lean, and Six Sigma.
- Workshop: Strategic problem-solving applied to technical scenarios.

### Day 2:

#### Innovation in Technical Solutions

- Principles of innovation in technical fields.
- Encouraging creativity and innovative thinking within technical teams.
- Techniques for fostering a culture of innovation.
- Case study: Innovative problem-solving in high-tech industries.

### Day 3:

#### Design Thinking for Technical Problem Solving

- Introduction to design thinking and its applications in technical solutions.
- Empathizing with users and identifying core technical needs.
- Prototyping, testing, and refining technical solutions.
- Group activity: Using design thinking to solve a real-world technical issue.

### Day 4:

#### Data-Driven Problem Solving and Decision Making

- Leveraging data and analytics to identify and solve problems.
- Using predictive analytics and big data to inform technical decisions.
- Tools and techniques for data-driven decision-making.
- Workshop: Solving technical problems using data and analytics.

### Day 5:

### Implementation and Continuous Improvement

- Developing actionable solutions and roadmaps for implementation.
- Driving continuous improvement through innovative problem-solving.
- Ensuring scalability and sustainability of technical solutions.
- Final project: Presenting strategic, innovative solutions for complex technical challenges.

## Registration form on the Training Course: Strategic Problem Solving and Innovation for Technical Advisors

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