

# € TRAINING

Strategies for Effective Problem Solving



1 - 5 September 2024  
Dubai (UAE)



# Strategies for Effective Problem Solving

REF: M2528 DATE: 1 - 5 September 2024 Venue: Dubai (UAE) - Fee: 4400 Euro

## Introduction:

This training program provides participants with a systematic approach to tackle complex challenges. Through it, participants will enhance their problem-solving skills and become adept at finding innovative solutions in various contexts.

## Program Objectives:

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

- Develop a comprehensive understanding of problem-solving methodologies.
- Learn to analyze problems systematically and identify root causes.
- Acquire strategies for generating innovative solutions.
- Enhance decision-making skills in problem-solving scenarios.
- Practice collaboration and communication techniques for team-based problem solving.

## Targeted Audience:

- Professionals.
- Managers.
- Project leaders.
- Analysts.
- Engineers.
- Consultants.

## Program Outlines:

### Unit 1:

#### Understanding Problem Solving Fundamentals:

- Exploring the importance of effective problem-solving skills in personal and professional contexts.
- Understanding the key components of a problem-solving process.

- Learning about common obstacles and challenges encountered during problem-solving.
- Identifying different types of problems and their characteristics.
- Setting the foundation for developing effective problem-solving strategies.

## Unit 2:

### Analytical Thinking and Problem Definition:

- Developing analytical thinking skills to dissect complex problems and identify root causes.
- Learning techniques for defining problems accurately and clearly.
- Utilizing tools such as problem statements and root cause analysis to frame problems effectively.
- Identifying stakeholders and gathering relevant information to inform problem-solving efforts.
- Practicing critical thinking and logical reasoning to approach problems systematically.

## Unit 3:

### Creative Problem Solving Techniques:

- Exploring creative problem-solving methodologies such as brainstorming, mind mapping, and lateral thinking.
- Learning how to generate innovative ideas and solutions to address diverse challenges.
- Applying techniques for reframing problems and looking at them from different perspectives.
- Cultivating a culture of creativity and experimentation to foster innovative problem-solving approaches.
- Practicing ideation and solution-generation exercises to enhance creative thinking skills.

## Unit 4:

### Decision Making and Solution Evaluation:

- Understanding the decision-making process and its role in problem-solving.
- Learning how to evaluate alternative solutions based on criteria such as feasibility, effectiveness, and sustainability.
- Applying decision-making tools such as decision matrices and cost-benefit analysis to weigh options.
- Identifying risks and potential consequences associated with different solutions.
- Developing strategies for making informed and evidence-based decisions.

## Unit 5:

### Implementation and Continuous Improvement:

- Developing action plans and implementation strategies to execute chosen solutions.
- Establishing metrics and key performance indicators KPIs to measure progress and success.
- Monitoring implementation efforts and adjusting strategies as needed.
- Practicing reflection and learning from both successes and failures to improve future problem-solving endeavors.
- Fostering a culture of continuous improvement and innovation within teams and organizations.