

Critical Thinking and Problem Solving

A Full Day Workshop

Pre-requisites

- A basic understanding of corporate work environments.
- An open mindset and willingness to engage in group discussions and activities.

Description

In today's dynamic corporate landscape, the ability to think critically and solve problems effectively is invaluable. This workshop delves into the foundations of critical thinking and equips professionals with actionable problem-solving techniques. Participants will navigate through various real-world scenarios, harnessing tools to analyse, evaluate, and innovate.

Learning Outcomes

At the completion of this course, you should have the skills and knowledge to:

- Understand the core concepts of critical thinking and its importance in a corporate setting.
- Apply structured methodologies to dissect complex problems and identify root causes.
- Differentiate between fact, opinion, and assumption.
- Use analytical tools and frameworks to arrive at well-informed decisions.
- Collaborate effectively in teams to brainstorm, discuss, and solve problems.
- Navigate cognitive biases and foster a mindset of continuous learning and improvement.

Topics

Key topics covered in this course include:

Introduction to Critical Thinking

- Definition and Importance
- Difference between Critical Thinking, Problem-Solving, and Decision Making

Elements of Thought

- Identifying Purpose, Point of View, and Assumptions
- Analysing Data, Concepts, and Implications

Structures of Reasoning

- Problem Analysis and Root Cause Identification
- Logic and Logical Fallacies

Analytical Tools and Frameworks

- SWOT Analysis
- Pareto Analysis
- Five Whys
- Fishbone Diagram (Ishikawa)

Group Dynamics in Problem Solving

- Effective Collaboration Techniques
- Groupthink and its Dangers

Cognitive Biases and Critical Thinking

- Common Cognitive Biases in Decision Making
- Strategies to Counteract Bias

Case Studies and Group Activities

- Real-world Scenarios and Solutions
- Interactive Problem-solving Sessions