



Advanced Analytical Thinking

“Analytical thinking is the bridge between data and decision—it turns information into insight and insight into action.”

COURSE OVERVIEW

In today’s fast-paced business environment, the ability to think critically and analytically is essential for making sound decisions and solving complex problems. This program equips participants with advanced tools and techniques to assess information quickly, identify flawed reasoning, and apply structured frameworks for effective problem-solving. Through practical exercises and real-world scenarios, participants will strengthen their questioning, analysis, and decision-making skills, enabling them to anticipate challenges, prevent potential problems, and make well-informed choices with confidence.

TARGETED AUDIENCE

- Managers at all levels
- Team leaders and supervisors
- Professionals involved in decision-making and problem-solving
- Individuals seeking to enhance their analytical and critical thinking skills

COURSE OBJECTIVES

By the end of this course participants will be able to:

- 1 Develop the ability to assess information quickly and accurately to support real-time decision-making in dynamic work environments.
- 2 Identify logical errors, flawed reasoning, and unsupported assumptions to improve the quality of analysis and conclusions.
- 3 Strengthen questioning techniques to gather relevant and accurate information from others with clarity and tact.
- 4 Enhance the ability to anticipate risks and detect potential problems before they occur.
- 5 Improve overall decision-making confidence through systematic analysis and critical evaluation.

COURSE OUTLINE

Module 1

Foundations of Analytical Thinking

- Understanding analytical thinking and its importance in the workplace
- Differences between analytical and critical thinking
- Characteristics of effective analytical thinkers
- Barriers to logical thinking and how to overcome them

Module 2

Information Analysis and Evaluation

- Collecting and analyzing information from multiple sources
- Distinguishing between facts and assumptions
- Evaluating the credibility of information
- Techniques for rapid information analysis

Module 3

Logical Reasoning and Critical Thinking

- Identifying common logical fallacies
- Analyzing arguments and conclusions
- Detecting unsupported assumptions
- Applying critical thinking in workplace situations

Module 4

Structured Problem Solving

- Using frameworks and models for problem-solving
- Breaking down complex problems into manageable parts
- Generating and evaluating alternative solutions
- Selecting the most effective solution based on analysis

Module 5

Decision Making and Risk Anticipation

- Making data-driven decisions
- Assessing risks and potential outcomes
- Making real-time decisions under pressure
- Preventing problems before they occur

Module 6

Questioning and Insightful Communication

- Developing effective questioning techniques
- Eliciting information with tact and insight
- Practicing analytical listening skills
- Supporting decisions through constructive dialogue

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