Consulting and Training | Reach New Heights

Course Name

Analytical Thinking & Evidence-Based Decision Making

Sector Name

Interpersonal Skills and Self Development

Document Type

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Analytical Thinking & Evidence-Based Decision Making

Course Introduction

In today's complex and data-driven business environment, professionals are expected to make sound decisions based not only on experience and intuition, but also on reliable evidence, structured analysis, and logical reasoning. The ability to critically assess information, distinguish facts from assumptions, identify potential biases, and transform data into meaningful insights has become an essential competency across all organizational levels.

The **Analytical Thinking & Evidence-Based Decision Making** program by **BOOST Consulting & Training** is designed to strengthen participants' ability to approach business challenges systematically, evaluate information objectively, and make well-supported decisions with greater confidence.

Throughout the program, participants will explore practical approaches to analytical and critical thinking, structured problem-solving, evidence evaluation, and information synthesis. Particular attention will be given to recognizing cognitive biases and logical fallacies that may influence judgment, assessing the validity and reliability of available information, and dealing effectively with incomplete or contradictory evidence.

The program also focuses on the practical application of analytical thinking in the workplace. Participants will learn how to break complex issues into manageable components, identify relationships and patterns, compare alternative courses of action, and develop conclusions that are supported by credible evidence.

Beyond analysis, the course emphasizes the importance of communicating findings effectively. Participants will learn how to translate complex information into clear insights, develop structured arguments, use data visualization appropriately, and present evidence-based recommendations in a compelling and stakeholder-focused manner.

Through case studies, practical exercises, business scenarios, group discussions, and analytical activities, **BOOST Consulting & Training** provides participants with an interactive learning experience that connects analytical concepts directly to real-world organizational challenges.

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Target Audience

- ✓ Managers and supervisors
- ✓ Team leaders
- ✓ Business and data analysts
- ✓ Strategy and planning professionals
- ✓ Project and program management professionals
- ✓ Finance and performance professionals
- ✓ Human Resources and Talent Management professionals
- ✓ Risk, governance, compliance, and audit professionals
- ✓ Operational and technical professionals
- ✓ Professionals responsible for preparing business cases and recommendations
- ✓ Employees involved in organizational problem-solving and decision-making processes
- ✓ Professionals seeking to strengthen their analytical and critical-thinking capabilities

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Learning Objectives

- ✓ Understand the fundamental principles of analytical thinking and evidence-based decision making.
- ✓ Differentiate between analytical, intuitive, and critical thinking approaches and determine when each is most appropriate.
- ✓ Recognize common cognitive biases and understand how they can influence professional judgment and decision making.
- ✓ Apply logical reasoning and structured critical-thinking techniques to analyze complex business situations.
- ✓ Break down complex problems into manageable components and identify their underlying causes and relationships.
- ✓ Evaluate different types and sources of evidence based on relevance, validity, reliability, and potential bias.
- ✓ Strengthen their ability to interpret quantitative and qualitative information in a business context.
- ✓ Gather and organize relevant evidence to support analysis and decision making.
- ✓ Synthesize information from multiple sources to develop a comprehensive understanding of business issues.
- ✓ Analyze conflicting or contradictory evidence and determine its implications for decision making.
- ✓ Compare alternative solutions and develop evidence-based recommendations.

- ✓ Structure logical and persuasive arguments supported by relevant evidence.
- ✓ Communicate analytical findings clearly to different stakeholders.
- ✓ Use data visualization and storytelling techniques to transform analysis into compelling business messages.
- ✓ Make more objective, transparent, and defensible decisions in professional environments.

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Analytical Thinking & Evidence-Based Decision Making

Course Outline

✓ DAY 1

Module 1: Foundations of Analytical Thinking

- ✓ Understanding analytical thinking and its importance in the workplace
- ✓ Understanding how people think, reason, and reach conclusions
- ✓ Analytical thinking versus intuitive thinking
- ✓ The relationship between analytical, critical, and creative thinking
- ✓ Understanding assumptions and their impact on analysis
- ✓ Recognizing confirmation bias and other cognitive biases
- ✓ How cognitive biases influence professional judgment
- ✓ The role of creativity in analytical thinking
- ✓ Developing intellectual curiosity and questioning techniques
- ✓ Improving the quality and structure of the analytical thinking process
- ✓ Moving from assumptions to evidence-supported conclusions

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Analytical Thinking & Evidence-Based Decision Making

Course Outline

✓ DAY 2

Module 2: Critical Thinking and Structured Problem-Solving

- ✓ Understanding the principles of critical thinking
- ✓ Applying critical thinking in professional situations
- ✓ Defining problems accurately before attempting to solve them
- ✓ Separating symptoms from underlying problems
- ✓ Breaking complex issues into manageable components
- ✓ Structuring problems using logical frameworks
- ✓ Applying logic trees to business problems
- ✓ Asking effective analytical questions
- ✓ Identifying cause-and-effect relationships
- ✓ Recognizing common logical fallacies
- ✓ Challenging assumptions objectively
- ✓ Evaluating alternative explanations
- ✓ Developing structured approaches to complex business challenges

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Analytical Thinking & Evidence-Based Decision Making

Course Outline

✓ DAY 3

Module 3: Understanding and Evaluating Evidence

- ✓ Understanding what constitutes evidence in business decision making
- ✓ Exploring different types and sources of evidence
- ✓ Distinguishing facts, opinions, assumptions, and interpretations
- ✓ Determining the relevance of evidence to the decision at hand
- ✓ Evaluating the quality and credibility of information sources
- ✓ Understanding validity and reliability
- ✓ Recognizing bias in evidence and information sources
- ✓ Identifying incomplete, misleading, or weak evidence
- ✓ Understanding the role of statistical literacy in decision making
- ✓ Interpreting basic quantitative information in context
- ✓ Evaluating qualitative information and professional judgment
- ✓ Tools and approaches for gathering evidence
- ✓ Selecting the most relevant evidence for business decisions

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Course Outline

✓ DAY 4

Synthesizing Information and Building Insights

- ✓ Moving from information collection to meaningful analysis
- ✓ Techniques for synthesizing information from multiple sources
- ✓ Organizing complex information into meaningful categories
- ✓ Identifying patterns, relationships, and trends
- ✓ Applying comparative analysis
- ✓ Applying thematic analysis to qualitative information
- ✓ Integrating quantitative and qualitative evidence
- ✓ Identifying gaps in available information
- ✓ Making sense of contradictory or conflicting evidence
- ✓ Understanding the role of perspective in interpreting information
- ✓ Distinguishing correlation from meaningful business relationships
- ✓ Developing conclusions supported by multiple sources
- ✓ Converting analysis into actionable business insights

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Course Outline

✓ DAY 5

Module 5: Evidence-Based Decision Making

- ✓ Understanding the evidence-based decision-making process
- ✓ Defining clear decision criteria
- ✓ Linking organizational objectives to decision criteria
- ✓ Developing and evaluating alternative courses of action
- ✓ Comparing alternatives systematically
- ✓ Assessing potential benefits, limitations, and consequences
- ✓ Balancing evidence with professional experience and judgment
- ✓ Making decisions under uncertainty
- ✓ Managing incomplete information
- ✓ Recognizing when additional evidence is required
- ✓ Developing defensible and transparent recommendations
- ✓ Documenting the rationale behind important decisions
- ✓ Moving from analytical insight to action

Module 6: Communicating Analytical Findings and Recommendations

- ✓ Understanding stakeholders and their information needs
- ✓ Identifying the key message from complex analysis
- ✓ Structuring analytical findings logically
- ✓ Translating data into meaningful business messages

- ✓ Using data visualization to support understanding
- ✓ Selecting the appropriate visual representation for different types of information
- ✓ Building effective evidence-based arguments
- ✓ Connecting evidence, conclusions, and recommendations
- ✓ Presenting alternative options objectively
- ✓ Communicating uncertainty and limitations appropriately
- ✓ Using storytelling to communicate analytical findings
- ✓ Core elements of effective business storytelling
- ✓ Tailoring messages to different stakeholder groups
- ✓ Developing concise executive-level recommendations
- ✓ Presenting and defending evidence-based recommendations with confidence

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Confirmed Sessions

FROM	TO	DURATION	FEES	LOCATION
Feb. 1, 2027	Feb. 5, 2027	5 days	4250.00 $	UAE , Dubai

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