



*Training Course:
Advanced Solutions Analysis*

21 - 25 December 2025

Cairo (Egypt)

Holiday Inn & Suites Cairo Maadi, an IHG Hotel

Training Course: Advanced Solutions Analysis

Training Course code: SC235970 From: 21 - 25 December 2025 Venue: Cairo (Egypt) - Holiday Inn & Suites Cairo Maadi, an IHG Hotel Training Course Fees: 3875 € Euro

Introduction

The Advanced Solutions Analysis training program is a high-impact course designed and delivered by Global Horizon Training Center to equip professionals in the Manufacturing Planning Department with the analytical frameworks, tools, and methodologies necessary to solve complex operational and planning challenges in industrial environments.

Manufacturing environments are becoming increasingly data-rich and solution-driven. This program focuses on helping planners, analysts, and operations personnel go beyond surface-level problem-solving to apply structured, data-backed, and innovative approaches to address inefficiencies, reduce costs, and support strategic goals.

Objectives

Upon successful completion of the course, participants will be able to:

- Apply structured problem-solving and root cause analysis techniques to planning challenges.
- Use data analytics and modeling tools to assess potential solutions.
- Evaluate solution options using cost-benefit, risk, and feasibility analysis.
- Leverage cross-functional data to inform planning decisions.
- Present solution strategies and business cases to stakeholders.
- Build a solutions-focused mindset that aligns with organizational goals and KPIs.

Organizational Impact

By enrolling teams in this program, organizations will benefit from:

- Increased problem-solving capabilities within the planning function
- More informed and data-backed decision-making
- Reduced process inefficiencies and planning cycle times
- Enhanced collaboration between planning and other operational units
- A structured, scalable approach to identifying and implementing improvements
- Stronger alignment between planning solutions and strategic business objectives

Target Audience

This course is ideal for:

- Manufacturing and Production Planners
- Operations Analysts and Industrial Engineers
- Continuous Improvement and Lean Teams
- Supply Chain Planners and Forecasters
- Business Analysts in Manufacturing Environments
- Mid-level Managers involved in strategy and operations
- ERP and Advanced Planning System Users

Outlines

Day 1: Foundations of Advanced Solutions Analysis

- Introduction to Structured Problem Solving in Manufacturing
- Key Concepts: Root Cause, Gaps, Constraints, Levers
- Defining the Problem Clearly and Quantitatively
- Tools: 5 Whys, Fishbone Diagrams, Pareto Analysis
- Group Exercise: Identify and Frame a Planning Problem
- Wrap-Up Discussion and Daily Recap

Day 2: Data-Driven Decision Making

- Collecting and Validating Relevant Data
- Exploratory Data Analysis EDA Techniques
- Identifying Trends, Patterns, and Variability in Planning Data
- Basic Statistical Tools for Solution Analysis
- Hands-on Workshop: Analyze Production Planning Data
- Quiz and Review Session

Day 3: Modeling and Evaluating Solution Options

- Introduction to Solution Modeling Simulation, Forecasting
- Scenario Analysis and Impact Assessment
- Cost-Benefit Analysis and ROI Evaluation
- Feasibility Assessment: Technical, Operational, Financial
- Interactive Activity: Build and Present a Planning Model
- Feedback and Peer Review Session

Day 4: Implementation Strategies and Risk Assessment

- Change Management in Planning Functions
- Prioritizing Solutions and Implementation Planning
- Risk Identification and Mitigation
- Communication and Stakeholder Buy-In Strategies
- Case Study: Successful Implementation of a Planning Solution

Day 5: Presenting the Solution Strategy

- Structuring a Business Case for Your Solution
- Visualizing Data and Results Effectively
- Presentation Skills for Technical Proposals
- Final Group Presentations: Planning Optimization Proposal
- Individual Feedback, Key Takeaways, and Wrap-Up
- Certification and Closing Remarks

Registration form on the Training Course: Advanced Solutions Analysis

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Complete & Mail or fax to Global Horizon Training Center (GHTC) at the address given below

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Payment Method

- ☐ Please find enclosed a cheque made payable to Global Horizon
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