Training Course:
Advanced Decision Analysis with Portfolio and Project Modeling

2 - 6 February 2025
Dubai (UAE)

Training Course:
Advanced Decision Analysis with Portfolio and Project Modeling

Training Course code: PC235320 From: 2 - 6 February 2025 Venue: Dubai (UAE) - Training Course Fees: 4150 ⬜ Euro

Introduction

Welcome to the Advanced Decision Analysis with Portfolio and Project Modeling training program! In today's dynamic and uncertain business environment, organizations face numerous challenges in making strategic decisions, managing portfolios, and executing projects effectively. This comprehensive 5-day training program is designed to equip participants with advanced skills and techniques in decision analysis, portfolio management, and project modeling to enhance their ability to make informed decisions, optimize portfolios, and manage projects in a complex and uncertain landscape.

Objectives

- Gain a deep understanding of decision analysis principles and techniques.
- Learn advanced decision analysis tools such as real options analysis, Monte Carlo simulation, and Bayesian decision theory.
- Explore portfolio management concepts including portfolio optimization, risk-return tradeoff, and diversification.
- Understand project modeling fundamentals and techniques for project valuation and risk management.
- Develop practical skills through hands-on exercises, case studies, and group discussions.
- Learn how to integrate decision analysis, portfolio management, and project modeling to make strategic decisions and manage resources effectively.

Target Audience

This training program is designed for professionals who are involved in strategic decision-making, portfolio management, and project management roles, including:

- Project Managers
- Portfolio Managers
- Financial Analysts
- Business Analysts
- Strategic Planners
- Risk Managers
- Executives and Decision Makers

Training Program Outline

Day 1: Foundations of Decision Analysis

- Introduction to Decision Analysis
- Understanding Decision Trees
- Probability Distributions and Uncertainty
- Sensitivity Analysis
- Value of Information Analysis

Day 2: Advanced Decision Analysis Techniques

- Real Options Analysis
- Monte Carlo Simulation
- Bayesian Decision Theory
- Multi-Criteria Decision Analysis
- Incorporating Risk Preferences

Day 3: Portfolio Management

- Introduction to Portfolio Management
- Portfolio Optimization Techniques
- Risk-Return Tradeoff in Portfolio Management
- Diversification and Correlation
- Portfolio Performance Evaluation

Day 4: Project Modeling

- Project Management Fundamentals
- Project Selection Criteria
- Project Valuation Techniques
- Incorporating Uncertainty in Project Models
- Project Risk Management

Day 5: Integrating Decision Analysis, Portfolio, and Project Modeling

- Case Studies and Practical Examples
- Group Exercises on Decision Analysis, Portfolio, and Project Modeling
- Integration Challenges and Solutions
- Best Practices and Pitfalls to Avoid
- Summary and Next Steps

Registration form on the Training Course:
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Complete & Mail or fax to Global Horizon Training Center (GHTC) at the address given below

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Full Name (Mr / Ms / Dr / Eng): ....
Position: ....
Telephone / Mobile: ....
Personal E-Mail: ....
Official E-Mail: ....

Company Information

Company Name: ....
Address: ....
City / Country: ....

Person Responsible for Training and Development

Full Name (Mr / Ms / Dr / Eng): ....
Position: ....
Telephone / Mobile: ....
Personal E-Mail: ....
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Payment Method

☐ Please find enclosed a cheque made payable to Global Horizon

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Easy Ways To Register

Telephone: +201095004484 to provisionally reserve your place.	Fax your completed registration form to: +20233379764	E-mail to us : info@gh4t.com or training@gh4t.com	Complete & return the booking form with cheque to:Global Horizon 3 Oudai street, Aldouki, Giza, Giza Governorate, Egypt.