Scandinavian Academy
for Training and Development AB

Mobile : +46700414979 | Mobile : +46700414979 | phone : +46114759991
Email : info.en@scandinavianacademy.net | Web site : https://scandinavianacademy.net/en
location : Ståthögavägen 38, 602 23 Norrköping, Sweden | P.O.BOX : 60359

Course: Risk Identification, Analysis, Classification & Treatment Strategies Powered by Artificial Intelligence

Code	City	Hotel	Start	End	Price	Language - Hours
DAI-937	Prague (Czech Republic)	Hotel Meeting Room	2026-09-28	2026-10-02	5950 €	En - 25

Course Introduction

Organizations today operate in increasingly complex and technology-driven risk environments. Traditional risk management practices that rely on static assessments and periodic reviews are no longer sufficient. Modern enterprises require intelligent, data-driven approaches that enhance risk visibility, improve predictive capability, and support faster, evidence-based decision-making.

This program provides a structured and practical framework covering the full lifecycle of risk management: identification, analysis, classification, and treatment. It integrates Artificial Intelligence (AI), machine learning concepts, predictive analytics, and intelligent automation into enterprise risk practices. The course aligns with internationally recognized principles such as ISO 31000 and enterprise risk management best practices.

General Objective

To enable participants to design and implement AI-powered risk identification, analysis, classification, and treatment strategies that enhance decision accuracy, organizational resilience, and proactive risk management.

Learning Objectives

By the end of this program, participants will be able to:

- Apply structured AI-supported risk identification techniques.
- Conduct advanced risk analysis using predictive and data-driven methods.
- Design intelligent risk classification models.
- Develop optimized risk treatment strategies based on analytics.
- Integrate AI into enterprise risk management processes.
- Build practical AI-enabled risk monitoring and reporting frameworks.

Target Audience

- Risk Managers and Risk Officers
- Internal Audit and Compliance Professionals
- Governance and Strategy Executives
- Financial, Operational, and Cyber Risk Specialists
- Data Analysts working in risk-related domains
- Consultants and Regulatory Professionals

Course Outline

Day: AI-Driven Risk Identification

- Fundamentals of enterprise risk identification frameworks
- Internal and external risk source mapping
- AI-supported data collection from structured and unstructured sources
- Natural Language Processing (NLP) for extracting risk signals
- Identifying emerging and weak risk indicators using AI tools
- Building a continuous risk identification mechanism

Day 2: Advanced Risk Analysis Using Artificial Intelligence

- Qualitative and quantitative risk analysis foundations
- Probability-impact modeling using predictive analytics
- Machine learning concepts in risk scoring
- Time-series analysis for trend and volatility detection
- Anomaly detection models for operational risk
- Developing AI-based risk analysis dashboards

Day 3: Intelligent Risk Classification & Prioritization

- Designing enterprise risk taxonomies
- Multi-dimensional risk classification models
- AI-supported clustering and segmentation techniques
- Risk interdependency mapping and systemic risk modeling
- Risk heatmap development using intelligent scoring
- Prioritization frameworks based on impact, likelihood, and strategic relevance

Day 4: AI-Powered Risk Treatment Strategies

- Risk avoidance, reduction, transfer, and acceptance strategies
- Cost-benefit analysis using predictive modeling
- Prescriptive analytics for selecting optimal treatment options
- Automated risk response planning concepts
- Scenario modeling and simulation for response testing
- Designing AI-enhanced risk treatment playbooks

Day 5: Integrated AI Risk Monitoring & Governance

- Building AI-enabled risk monitoring systems
- Early-warning indicators and automated alerts
- Model validation and reliability assessment
- Risk governance alignment with ISO 31000 principles

- Bias detection and ethical considerations in AI-based risk decisions
- Developing an enterprise roadmap for AI-powered risk management implementation

The Scandinavian Academy for Training and Development adopts the latest scientific and professional methodologies in training and human resource development, aiming to enhance the efficiency of individuals and organizations. Training programs are delivered through a comprehensive approach that includes:

- Theoretical lectures supported by PowerPoint presentations and visual materials (videos and short films).
- Scientific evaluation of participants before and after the program to measure progress and knowledge acquisition.
- Brainstorming sessions and practical role-playing to simulate real-life scenarios.
- Case studies tailored to align with the training content and participants work nature.
- Assessment tests conducted at the end of the program to evaluate the achievement of training objectives.

Each participant will receive comprehensive training materials, including theoretical content, practical exercises, and supporting resources, provided in both printed and digital formats. Detailed reports, including attendance records, final results, and overall program evaluations, are also provided.

Training materials are prepared professionally by a team of experts and specialists in various fields. At the end of the program, participants are awarded a professional attendance certificate, signed and accredited by the Scandinavian Academy for Training and Development.

Program Timings:

- 9:00 AM to 2:00 PM in Arab cities.
- 10:00 AM to 3:00 PM in European and Asian cities.

The program includes:

- A daily Coffee Break provided during the sessions to ensure participants comfort.