Scandinavian Academy

for Training and Development AB

Course: Artificial Intelligence in Banking

Code	City	Hotel	Start	End	Price	Language - Hours
853	Beijing (China)	Hotel Meeting Room	2025-09-29	2025-10-02	5450 €	En - 25

Course Introduction

The banking sector is experiencing a rapid digital transformation driven by Artificial Intelligence (AI). As financial institutions handle vast amounts of data, AI technologies enable them to automate processes, enhance customer interactions, improve risk assessment, and strengthen security measures. AI-driven solutions such as machine learning, natural language processing, and predictive analytics help banks optimize their operations, detect fraudulent activities, and provide personalized financial services. This course offers an in-depth exploration of AI's role in banking, equipping participants with the necessary knowledge and skills to implement AI-driven innovations that enhance efficiency and competitiveness.

General Course Objective

This course aims to provide participants with a comprehensive understanding of AI technologies and their applications in the banking industry. By learning how AI can be leveraged to automate processes, mitigate risks, improve customer experiences, and enhance security, participants will gain practical insights into implementing AI solutions that drive digital transformation in financial institutions. The course also addresses ethical and regulatory considerations, ensuring responsible AI adoption in banking operations.

Course Objectives

- Understand the fundamentals of AI and its role in banking.
- Explore AI-driven automation for banking operations.

- Learn how AI improves fraud detection and cybersecurity.
- Analyze customer data using AI for personalized banking experiences.
- Discover AI's impact on risk assessment and financial forecasting.
- Evaluate the ethical and regulatory challenges of AI in banking.

Target Audience

- Banking professionals and executives.
- Risk management and compliance officers.
- IT and digital transformation specialists.
- Financial analysts and data scientists.
- AI and fintech professionals.

Course Outline

Module 1: Introduction to AI in Banking

- Overview of AI technologies.
- Evolution of AI in the financial sector.
- Key benefits and challenges of AI adoption in banking.

Module 2: AI in Banking Operations and Automation

- AI-powered chatbots and virtual assistants for customer service.
- Automated loan processing and credit scoring.
- AI in transaction monitoring and payment processing.

Module 3: Fraud Detection and Cybersecurity with AI

- AI-driven fraud prevention techniques.
- Machine learning models for anomaly detection.
- Enhancing cybersecurity with AI-driven risk analysis.

Module 4: AI for Customer Experience and Personalization

- AI-powered recommendation engines for banking products.
- Predictive analytics for customer behavior insights.
- Enhancing customer interactions using Natural Language Processing (NLP).

Module 5: AI in Risk Management and Compliance

- AI-driven risk assessment models.
- Regulatory compliance automation using AI.
- Predictive analytics for financial forecasting and investment management.

Module 6: Ethical Considerations and Future Trends in AI for Banking

- AI ethics and responsible AI adoption in banking.
- Regulatory challenges and AI governance.
- Future trends in AI-driven banking innovations.

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 receives the training material (both theoretical and practical) in printed form and saved on a CD or flash drive. 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 buffet provided during the sessions to ensure participants comfort.