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Training Course:
Fraud Prevention and Detection in Central Bank Digital Currencies (CBDCs)

23 - 27 November 2025
Istanbul (Turkey)
DoubleTree by Hilton Istanbul Esentepe

Training Course:
Fraud Prevention and Detection in Central Bank Digital Currencies (CBDCs)

Training Course code: SC234986 From: 23 - 27 November 2025 Venue: Istanbul (Turkey) - DoubleTree by Hilton Istanbul Esentepe Training Course Fees: 6000   Euro

Introduction

With the growth of digital currencies, the risks of fraud and financial crime have increased. Central bank digital currencies CBDCs have the potential to offer significant benefits to users, but also present unique challenges for fraud prevention and detection. This training program focuses on the techniques and tools for preventing and detecting fraud in digital currencies, with a specific focus on CBDCs.

Objectives

The objectives of this training program are as follows:

- To provide participants with a thorough understanding of the techniques and tools for preventing and detecting fraud in digital currencies, including transaction monitoring, anomaly detection, and machine learning.

- To introduce participants to the unique risks and challenges associated with CBDCs and their implications for fraud prevention and detection.

- To equip participants with the necessary skills and knowledge to identify and mitigate potential fraud risks in CBDC systems.

- To enable participants to develop effective fraud prevention and detection strategies for CBDCs.

Methodologies

The training program will use a combination of lectures, case studies, simulations, and discussions to facilitate learning. Participants will have the opportunity to engage in group activities, problem-solving exercises, and Q&A sessions to enhance their understanding of the topics covered. The program will also provide access to relevant resources, including research papers, regulatory guidelines, and industry reports.

Target Audience

The target audience for this training program includes:

- Central bank officials and policymakers responsible for developing and implementing CBDCs.

- Risk management professionals and compliance officers in financial institutions involved in digital currency markets.

- Regulators and auditors responsible for overseeing digital currency markets.

- Business executives and entrepreneurs in digital currency-related industries.

- Researchers and academics interested in the intersection of fraud prevention and detection and digital currencies.

Course Outlines

Introduction to Fraud Prevention and Detection in Digital Currencies

- Understanding digital currencies and their use cases

- Common types of fraud in digital currencies

- Challenges of fraud prevention and detection in CBDCs

- Regulatory and legal frameworks for fraud prevention and detection in digital currencies

Techniques and Tools for Fraud Prevention and Detection in Digital Currencies

- Transaction monitoring and analysis

- Anomaly detection and pattern recognition

- Machine learning for fraud detection

- Other techniques and tools, such as blockchain analysis and network analysis

Fraud Prevention and Detection in CBDC Systems

- Risks and challenges specific to CBDCs, including privacy concerns and scalability issues

- Best practices for fraud prevention and detection in CBDCs

- Case studies of successful fraud prevention and detection in CBDCs

- Evaluating fraud prevention and detection solutions for CBDC systems

Mitigating Fraud Risks in Digital Currency Markets

- Understanding the digital currency ecosystem, including exchanges and wallets

- Risk management strategies for digital currency markets, including KYC and AML

- Compliance requirements for digital currency businesses

- Evaluating fraud prevention and detection solutions for digital currency markets

Simulation and Practical Exercises

- Interactive simulations to practice identifying and mitigating fraud risks in CBDC systems and digital currency markets

- Group exercises to develop effective fraud prevention and detection strategies for CBDC systems and digital currency markets

- Q&A session with industry experts on fraud prevention and detection in digital currencies

Registration form on the Training Course:
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Payment Method

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