

Cybersecurity and Fraud Detection in Insurance

Duration: 5 Days

Language: en

Course Code: PO5-132

Objective

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

- Understand the cyber risk landscape and its impact on the insurance industry.
- Identify common types of insurance fraud and emerging threats.
- Apply fraud detection methods using analytics and AI-driven tools.
- Develop cybersecurity strategies tailored to insurance operations.
- Evaluate legal and regulatory requirements for data security and fraud prevention.
- Design an integrated fraud and cybersecurity risk management framework.

Audience

This course is ideal for:

- Insurance professionals in operations, underwriting, and claims.
- Risk managers and compliance officers.
- IT and cybersecurity specialists in insurance firms.
- Fraud investigators and forensic analysts.
- Regulators and auditors in the insurance sector.

Training Methodology

The course blends expert-led presentations, case studies, group discussions, and simulations. Participants will examine real-world cyber incidents and fraud cases, apply fraud detection techniques, and design resilience strategies for their organisations.

Summary

This specialised training course focuses on the growing importance of cybersecurity and fraud detection in the insurance industry. With the rise of digital transformation, insurers face increasing threats from cyberattacks, data breaches, and sophisticated fraudulent schemes. This

course equips participants with the knowledge and tools to identify, prevent, and mitigate cyber risks and fraud in insurance operations.

Through global case studies, regulatory insights, and best practices, participants will learn how to build resilient cybersecurity frameworks, deploy fraud detection technologies, and ensure compliance with data protection and industry standards. The program highlights the role of AI, machine learning, and predictive analytics in safeguarding the integrity of insurance systems.

Course Content & Outline

Section 1: Cybersecurity in Insurance

- Overview of cyber threats in insurance operations.
- Cyber risks related to digital platforms, claims, and policyholder data.
- Case studies of major insurance data breaches.

Section 2: Fundamentals of Insurance Fraud

- Types of insurance fraud: underwriting fraud, claims fraud, identity theft.
- Emerging fraud trends in digital and online insurance channels.
- Economic and reputational impact of fraud on insurers.

Section 3: Fraud Detection Tools and Techniques

- Predictive analytics and machine learning for fraud detection.
- Using data mining and behavioural analytics.
- Role of fraud detection platforms and forensic audits.

Section 4: Building Cybersecurity and Fraud Prevention Frameworks

- Key elements of cybersecurity strategies for insurance.
- Integration of fraud detection with IT security systems.
- Regulatory compliance: GDPR, AML, KYC, and insurance-specific rules.

Section 5: Future Trends and Strategic Response

- AI-driven fraud detection and real-time monitoring.
- Blockchain and digital identity verification in insurance.

- Building a culture of cybersecurity awareness and vigilance.
- Global cooperation in combating cyber risks and fraud.

Certificate Description

Upon successful completion of this training course, delegates will be awarded a Holistique Training Certificate of Completion. For those who attend and complete the online training course, a Holistique Training e-Certificate will be provided.

Holistique Training Certificates are accredited by The CPD Certification Service (CPD), and are certified under ISO 9001 and ISO 29993 standards.

CPD credits for this course are granted by our Certificates and will be reflected on the Holistique Training Certificate of Completion. In accordance with the standards of The CPD Certification Service, one CPD credit is awarded per hour of course attendance. A maximum of 50 CPD credits can be claimed for any single course we currently offer.

Categories

Law, Contracts and Legalities, Technology

Tags

Cybersecurity, Fraud Detection, Insurance, Insurance Fraud

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