InsurTech Solutions Training Course

Professional Development Training Course Outline

Category	Insurance	**Duration**	5 Days
Base Fee	$1,500 USD	**Delivery Mode**	Online / On-site Hybrid

Course Introduction

The rapidly evolving landscape of insurance technology (InsurTech) is revolutionizing the way insurers deliver services, engage with customers, and manage risk. Training Course on Introduction to InsurTech Solutions introduces participants to cutting-edge digital insurance platforms, AI-driven underwriting, blockchain in claims management, and data-driven decision-making. With disruption in the insurance industry at an all-time high, understanding these transformations is critical for professionals who want to stay ahead.

This course empowers participants to explore the fusion of financial technology (FinTech) and insurance, enabling them to navigate innovations such as IoT integration, telematics, digital claims processing, and customer-centric insurance models. Whether you're new to the insurance sector or a seasoned professional, this InsurTech fundamentals course will equip you with the tools and insights to drive innovation and create smarter, more agile insurance solutions.

Programme Curriculum

InsurTech Solutions Training Course

Introduction

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Course Objectives

1. Understand the evolution of InsurTech and its global market trends
2. Explore AI and machine learning in insurance operations
3. Analyze the impact of blockchain in claims processing
4. Discover how big data analytics drive personalized insurance
5. Learn about chatbots and virtual assistants in customer service
6. Identify key InsurTech startups and trends in 2025
7. Evaluate cybersecurity in InsurTech platforms
8. Implement smart contracts for faster policy execution
9. Leverage IoT and telematics for risk assessment
10. Explore cloud computing and API integrations in InsurTech
11. Learn how robo-advisors are reshaping the insurance landscape
12. Apply RegTech for compliance in digital insurance
13. Understand how to use InsurTech KPIs to measure business impact

Target Audience

1. Insurance professionals
2. Claims adjusters and managers
3. Underwriters
4. Product developers in insurance firms
5. IT and digital transformation teams
6. FinTech enthusiasts
7. Insurance startup founders
8. Compliance and risk officers

Course Duration: 5 days

Course Modules

Module 1: The Rise of InsurTech

- History and evolution of InsurTech
- Disruption vs. transformation in insurance
- Key drivers of InsurTech growth
- Overview of global InsurTech ecosystems
- Top InsurTech innovations of 2025
- **Case Study:** Lemonade's AI-powered claims processing

Module 2: AI and Automation in Insurance

- Role of AI in underwriting and pricing
- Chatbots for policy servicing
- Natural Language Processing (NLP) for claims
- Predictive analytics for fraud detection
- Workflow automation with RPA
- **Case Study:** Metromile’s AI-based usage-based insurance

Module 3: Blockchain and Smart Contracts

- Blockchain fundamentals in insurance
- Smart contracts for automatic claims
- Improving transparency with distributed ledgers
- Reducing fraud with blockchain verification
- Use cases in policy administration

- **Case Study:** Etherisc’s decentralized insurance platform

Module 4: Big Data and Predictive Analytics

- Big data in customer segmentation
- Data lakes and real-time analytics
- Risk modeling and forecasting
- Data-driven policy personalization
- Ethical use of data in insurance
- **Case Study:** Allianz’s use of big data for customer insights

Module 5: IoT and Telematics

- IoT device applications in health and auto insurance
- Real-time data collection and monitoring
- Enhancing underwriting accuracy
- Customer engagement through usage-based models
- Privacy and data ownership challenges
- **Case Study:** Progressive’s Snapshot telematics program

Module 6: Cloud Computing & API Ecosystems

- Benefits of cloud adoption in insurance
- API integrations for InsurTech ecosystems
- Real-time data exchange between platforms
- Open insurance and interoperability
- Vendor selection and cloud migration strategies
- **Case Study:** Aviva’s cloud-native insurance platform

Module 7: Customer Experience & Digital Platforms

- Personalization in insurance products
- Omnichannel communication strategies
- Role of mobile-first design
- Embedded insurance distribution
- Metrics for measuring CX success
- **Case Study:** Root Insurance’s digital-first experience

Module 8: Regulatory Technology (RegTech) and Risk

- Digital compliance frameworks
- Monitoring tools for KYC/AML
- GDPR and data protection laws
- Risk-scoring models in digital platforms
- Navigating cross-border regulation
- **Case Study:** Trunomi’s consent-based data privacy solution

Training Methodology

- Interactive presentations with live Q&A sessions
- Hands-on case study analysis and group activities
- Real-world tools demos and simulations
- Quizzes and knowledge checks for concept reinforcement
- Access to digital resources, toolkits, and industry reports

Register as a group from 3 participants for a Discount

Send us an email: info@fineskilltrainingcenter.org or call *+254769199797*

Certification

Upon successful completion of this training, participants will be issued with a globally- recognized certificate.

Tailor-Made Course

We also offer tailor-made courses based on your needs.

Key Notes

a. The participant must be conversant with English.

b. Upon completion of training the participant will be issued with an Authorized Training Certificate

c. Course duration is flexible and the contents can be modified to fit any number of days.

d. The course fee includes facilitation training materials, 2 coffee breaks, buffet lunch and A Certificate upon successful completion of Training.

e. One-year post-training support Consultation and Coaching provided after the course.

f. Payment should be done at least a week before commence of the training, to Fineskill Training Center account, as indicated in the invoice so as to enable us prepare better for you.

Upcoming Scheduled Sessions

Start Date	End Date	Location	Price
23 Nov 2026	27 Nov 2026	Online	$1,000
23 Nov 2026	27 Nov 2026	Physical	$1,500
23 Nov 2026	27 Nov 2026	Physical	$3,000
23 Nov 2026	27 Nov 2026	Physical	$3,000
23 Nov 2026	27 Nov 2026	Physical	$6,000
23 Nov 2026	27 Nov 2026	Physical	$4,500
23 Nov 2026	27 Nov 2026	Physical	$6,000
23 Nov 2026	27 Nov 2026	Physical	$6,000

Ready to enroll or request a customized program? Book online or contact us:

Register Online Now

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