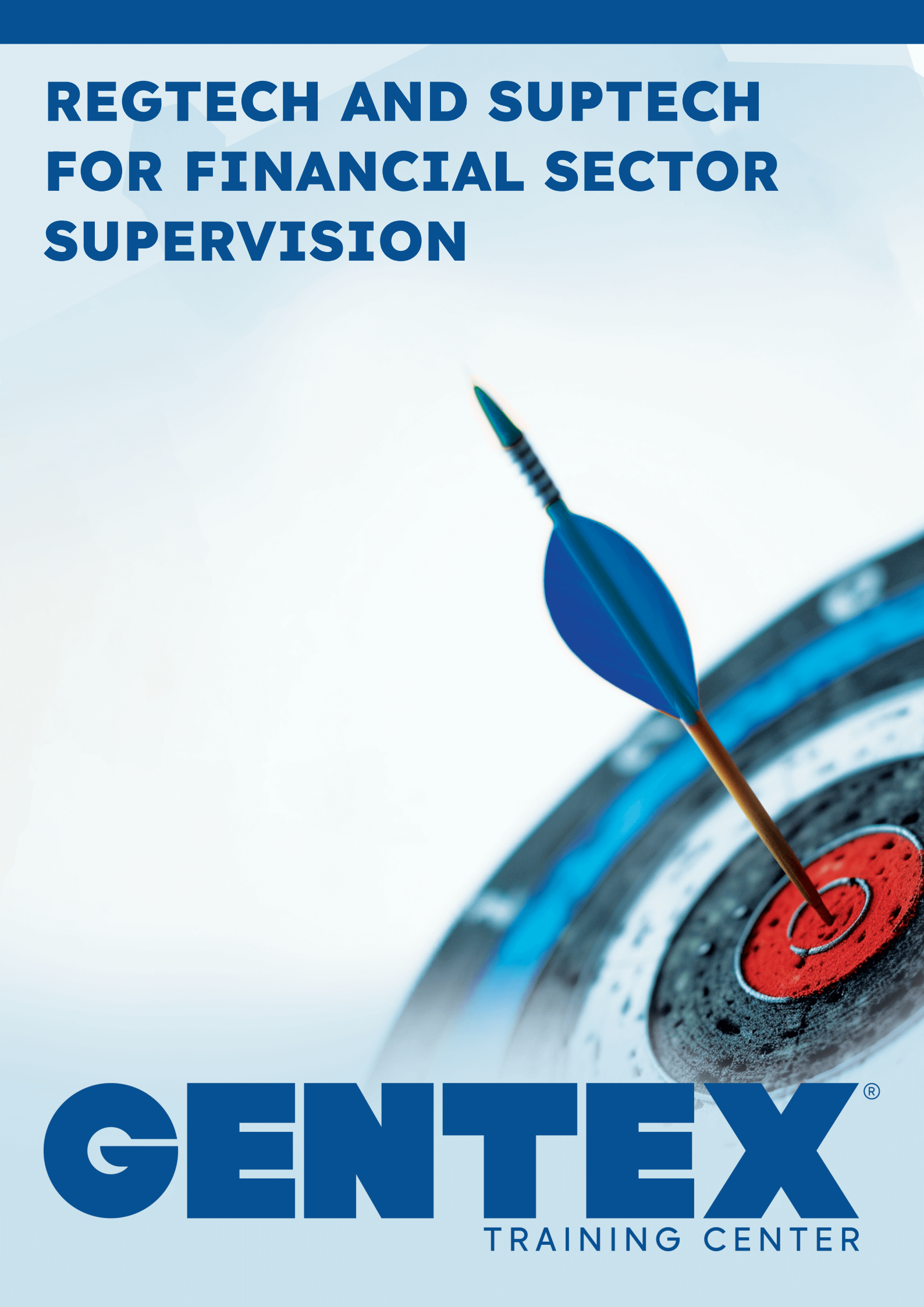
REGTECH AND SUPTECH FOR FINANCIAL SECTOR SUPERVISION



GENTEX®
TRAINING CENTER

GENTEX Training Center LLC | Orlando - FL, USA
Info@gentextraining.com

Introduction

RegTech and SupTech for Financial Sector Supervision Training Course prepares compliance, supervisory and technology professionals to use data and technology in regulatory work. Participants learn how regulated firms adopt RegTech to meet reporting, screening and monitoring duties, and how supervisors use SupTech to analyse market-wide data. The programme covers regulatory reporting standards, data governance, automated compliance monitoring, AML and KYC technology, supervisory analytics, machine learning in supervision and assurance. Furthermore, it addresses model risk, data quality, ethics and cyber resilience. As a result, delegates can design or assess a RegTech or SupTech solution with confidence. Gentex Training Center delivers the programme through practical workshops and applied supervisory case work.

RegTech and SupTech for Financial Sector Supervision Course Objectives

- Explain the RegTech and SupTech landscape and their supervisory value.
- Apply regulatory reporting standards and data taxonomies.
- Design automated compliance monitoring and exception reporting.
- Apply AML and KYC technology including transaction monitoring rules.
- Build supervisory analytics and risk-based prioritisation models.
- Apply machine learning and natural language processing in supervision.
- Assess data quality, lineage and governance controls.
- Apply model risk management and validation to supervisory tools.
- Address ethics, fairness, explainability and cyber resilience.
- Evaluate solution options and prepare a RegTech or SupTech business case.

GENTEX® TRAINING CENTER

GENTEX Training Center LLC | Orlando - FL, USA
Info@gentextraining.com

Course Methodology

The course combines technical briefings with hands-on design workshops, data exercises and supervisory case studies. Participants map a reporting requirement, design an automated monitoring rule set and evaluate a supervisory analytics use case. In addition, structured peer review sharpens judgement, and each day closes with an applied task.

Who Should Take This Course

- Compliance, regulatory reporting and risk officers in financial firms.
- Supervisors, regulators and central bank supervision staff.
- Financial crime, AML and KYC professionals.
- Data governance, analytics and technology staff in finance.
- Internal audit and assurance professionals covering regulatory reporting.
- Consultants, vendors and advisers delivering RegTech or SupTech solutions.

RegTech and SupTech for Financial Sector Supervision Course Outlines

Day 1: RegTech and SupTech Landscape and Supervisory Context

- Definitions and scope of RegTech and SupTech.
- Regulatory drivers, supervisory expectations and reporting burden.
- RegTech use cases: reporting, compliance, risk and financial crime.
- SupTech use cases: supervision, market monitoring and early warning.
- Institutional readiness, operating models and skills.

- Vendor landscape, build versus buy and shared utilities.
- Workshop: mapping supervisory pain points to solution options.

Day 2: Regulatory Reporting and Data Standards

- Reporting frameworks, taxonomies and data dictionaries.
- Data point modelling and standardised reporting formats.
- Data lineage, traceability and audit trail requirements.
- Validation rules, quality dimensions and error handling.
- Submission channels and regulatory reporting platforms.
- Reporting governance, sign-off and attestation.
- Workshop: modelling a reporting requirement into a data structure.

Day 3: Automated Compliance Monitoring and Financial Crime Technology

- Rule-based monitoring design and threshold calibration.
- Exception reporting, alert triage and escalation flows.
- Transaction monitoring and customer risk scoring models.
- Sanctions and politically exposed person screening tools.
- Robotic process automation for compliance operations.
- Logging, evidence retention and audit readiness.
- Workshop: designing an automated monitoring rule set and alert workflow.

Day 4: Supervisory Analytics and Machine Learning

- Supervisory data collection and market-wide datasets.
- Risk-based prioritisation and supervisory scoring models.

- Network analysis and connected-party detection.
- Machine learning for anomaly detection and clustering.
- Natural language processing for disclosure and complaint review.
- Model validation, bias testing and explainability.
- Workshop: building a supervisory analytics use case and testing outputs.

Day 5: Governance, Assurance and Implementation

- Data governance, privacy and information security controls.
- Model risk management frameworks and ongoing validation.
- Ethics, fairness and accountability in supervisory technology.
- Cyber resilience and third-party risk for RegTech platforms.
- Assurance, testing and audit of supervisory tools.
- Business case preparation and implementation roadmaps.
- Workshop: presenting a RegTech or SupTech proposal to an approval panel.

Conclusion

By successfully completing RegTech and SupTech for Financial Sector Supervision Training Course, participants will have acquired the knowledge to apply technology to regulatory reporting, compliance monitoring and supervisory oversight. They will understand reporting standards, data governance, automated monitoring, financial crime technology, supervisory analytics, machine learning and model assurance, and they will know how to evaluate and implement solutions. As a result, delegates strengthen regulatory effectiveness in their institutions. Gentex Training Center builds the programme around current supervisory and technology practice.

LEARN BOLD. **LEAD BEYOND**
GENTEX Training Center LLC | Orlando - FL, USA
Info@gentextraining.com

FAQs for the RegTech and SupTech for Financial Sector Supervision course

Q1 What is the "RegTech and SupTech for Financial Sector Supervision" course about?

It covers how technology supports regulation and supervision. You learn regulatory reporting standards, data governance, automated compliance monitoring, AML and KYC technology, supervisory analytics, machine learning in supervision, model validation and implementation planning.

Q2 What are the key benefits of the "RegTech and SupTech for Financial Sector Supervision" course?

You gain a practical view of where technology genuinely reduces regulatory effort rather than adding tools. You also improve reporting data quality, calibrate monitoring thresholds better, prioritise supervisory attention with evidence, and assess solution options with a defensible business case.

Q3 What skills will I gain from the "RegTech and SupTech for Financial Sector Supervision" course?

You will gain RegTech and SupTech solution design and assessment, regulatory reporting and data governance, automated compliance monitoring and financial crime technology, and supervisory analytics, machine learning and model assurance.

GENTEX® TRAINING CENTER

GENTEX Training Center LLC | Orlando - FL, USA
Info@gentextraining.com

Q4 What tools, methods, or standards are covered in the "RegTech and SupTech for Financial Sector Supervision" course?

The course covers regulatory reporting taxonomies and data point modelling, data lineage and traceability requirements, validation rules and data quality dimensions, rule-based monitoring design and threshold calibration, alert triage and escalation workflows, transaction monitoring and customer risk scoring, sanctions and politically exposed person screening, robotic process automation, risk-based supervisory prioritisation and scoring models, network analysis, machine learning for anomaly detection, natural language processing for disclosure review, model validation and bias testing, data governance and privacy controls, model risk management frameworks, and cyber resilience and third-party risk assessment.

Q5 How is the "RegTech and SupTech for Financial Sector Supervision" course applied in real-world practice?

Graduates apply it to design and improve regulatory reporting processes, build automated compliance monitoring and alert workflows, strengthen AML and KYC screening, prioritise supervisory reviews using risk-based analytics, validate analytical models and test for bias, set data governance and security controls, and prepare business cases and roadmaps for RegTech or SupTech implementation.