



Course: Integrated AI Solutions for Credit Risk Management

Delivered by:

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Certified Financial Risk Manager with 20+ years of experience in risk and finance management within the banking industry and fintech innovation.



Objectives:

- Understand how Artificial Intelligence (AI) can support credit risk management across the credit lifecycle.
- Identify key AI technologies used in credit risk, including Machine Learning models and Large Language Models.
- Understand how AI tools can support credit risk measurement, monitoring, and reporting.
- Recognize how AI solutions can assist credit analysts in analysing borrower information and financial data.
- Identify opportunities to integrate AI tools into credit risk workflows and decision-support processes.
- Understand the role of AI in improving efficiency and consistency in credit risk analysis.
- Recognize the limitations and risks associated with using AI in credit risk management.
- Understand governance and responsible AI considerations when integrating AI solutions in credit risk processes.



Skills delivered:

- Recognize how AI technologies can support credit risk management processes
- Identify practical use cases of AI in credit risk analysis and reporting
- Understand how AI tools can assist in analysing borrower information and financial data
- Interpret AI-generated insights used in credit risk decision-support
- Recognize opportunities to integrate AI tools into credit risk workflows
- Identify limitations and risks associated with AI use in credit risk
- Understand governance considerations for AI systems used in credit risk



Designed for:

- Credit Risk Analysts and Officers
- Risk Management Professionals
- Data Scientists and ML Engineers working in financial services
- Credit Underwriting and Loan Origination Teams
- Compliance and Regulatory Reporting Professionals
- Senior Management and Decision Makers
- Internal Audit Professionals

Course Programme: Integrated AI Solutions for Credit Risk Management

TOPIC	DURATION
1. Introduction: AI Systems in Credit Risk <ul style="list-style-type: none"> AI adoption in lending and credit risk management Interaction between ML models and LLM systems 	20 min.
2. Designing AI-Powered Credit Risk Workflows <ul style="list-style-type: none"> End-to-end AI workflows: <ul style="list-style-type: none"> -> data ingestion -> model scoring -> report generation Integration of ML scoring models with LLM narratives 	50 min.
3. Agentic AI Workflows in Credit Risk <ul style="list-style-type: none"> Automated information retrieval Data synthesis and analysis Automated report generation 	40 min.
4. Practical Use Cases <ul style="list-style-type: none"> Automated credit assessment report Portfolio monitoring dashboards Early warning systems 	40 min.
5. Challenges and Best Practices <ul style="list-style-type: none"> Data quality Model governance Bias mitigation Audit trails and documentation 	30 min.
TOTAL	3 hours

 **Duration:**
3 hours (3 CPD Units)

 **Language:**
English

 **Delivery mode:**
Pre-Recorded

 **Skills level:**
Expert