



# Course: Practical Applications of LLMs in Credit Risk Analysis

## 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:

- Identify practical applications of LLMs in credit risk workflows, including borrower analysis and credit report preparation.
- Understand how LLMs can assist in analysing financial and qualitative borrower information.
- Recognize how LLMs can support the preparation of credit risk reports and credit memos.
- Understand how prompting techniques can be used to obtain structured outputs from LLMs for credit analysis tasks.
- Recognize the benefits and efficiency gains from using LLMs in credit risk analysis.
- Design integrated workflows combining ML-based scoring models with LLM-generated narrative reports for end-to-end credit risk analysis.
- Provide practical examples illustrating the application of AI technologies across the credit risk assessment lifecycle.



### Skills delivered:

- Recognize practical applications of LLMs in credit risk analysis
- Use basic prompting approaches to obtain structured outputs from LLMs
- Interpret LLM-generated summaries and analytical outputs
- Identify opportunities where LLMs can support credit analysis and reporting
- Understand the limitations and risks of using LLMs in credit risk workflows
- Recognize governance and responsible AI considerations when using LLMs



### 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 in lending institutions
- Internal Audit Professionals reviewing AI/ML model governance

## Course Programme: Practical Applications of LLMs in Credit Risk Analysis

TOPIC	DURATION
<b>1. Introduction to AI Tools for Credit Analysts</b> <ul style="list-style-type: none"> <li>• Overview of LLM capabilities in financial analysis</li> <li>• Responsible and compliant usage in financial institutions</li> </ul>	20 min.
<b>2. Practical LLM Applications for Credit Risk Report Writing</b> <ul style="list-style-type: none"> <li>• Borrower descriptions</li> <li>• Industry analysis</li> <li>• Financial statement narratives</li> <li>• Chart and table generation</li> </ul>	60 min.
<b>3. Structured Outputs for Credit Analysis</b> <ul style="list-style-type: none"> <li>• Generating standardised JSON outputs</li> <li>• Creating structured tables and reports</li> <li>• Formatting outputs</li> </ul>	40 min.
<b>4. Problem Segmentation in Credit Risk Analysis</b> <ul style="list-style-type: none"> <li>• Decomposing complex credit analysis tasks</li> <li>• Multi-step prompting techniques, agents vs process flow</li> <li>• Combining financial and qualitative analysis</li> </ul>	40 min.
<b>5. Summary and Frequently asked questions</b>	20 min.
<b>TOTAL</b>	<b>3 hours</b>

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

 **Language:**  
English

 **Delivery mode:**  
Pre-Recorded

 **Skills level:**  
Expert

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