

Section	Questions ID	Question	Purpose	Follow-up questions ID	Follow-up Questions	Time
Introduction	O.S.	x	I briefly introduce myself to the interviewee, tell how long the interview will last and what its purpose is.			~ 5 minutes
1) Background of the interviewee						~10 minutes
	Q1.1	Can you talk briefly about yourself and your role within the organization?	Establish name, background and general context.			
	Q1.2	How much experience do you have in cybersecurity, risk management or AI?	Understand the respondent's organizational context and role.			
	Q1.3	To what extent are you familiar with LLMs or other AI technologies in your work context?	Estimate seniority and domain expertise.			
	Q1.4	Are you familiar with regulations such as DORA or the AI Act?	Understand knowledge of relevant regulations (essential for the framework).			
2) Key interview questions: thematic depth.						~40 minutes
<i>Strategic Value of LLMs in Cybersecurity Risk Management</i>	Q2.1	At what points within the cybersecurity risk management do you see the most potential for LLMs to add value?	Interviewees' strategic vision of exploring the potential applications of AI in cybersecurity.	FQ1.1	Can you provide a concrete example?	
	Q2.1a	What types of LLMs do you consider most suitable for application in your sector, and why?				
<i>Governance and Accountability</i>	Q2.2	How is oversight of AI systems?	<i>Identify practical and cultural barriers to AI adoption.</i>	FQ1.2	Have you experienced resistance to AI from certain departments?	
<i>Regulatory and Compliance</i>	Q2.3	How do regulations such as GDPR, DORA, NIS2 or the AI Act the application of LLMs in cybersecurity?	Understand how regulations affect AI implementation strategies.	FQ1.3	Are compliance teams involved in the development or assessment of AI systems? If yes, do they inform the team about	

					changes ?	
<i>Ethics, Bias and Transparency</i>	Q2.4	What ethical risks do you see with the use of LLMs, for example around bias, discrimination or misclassification?	<i>Gather opinions on AI ethics, fairness and data management.</i>	FQ1.4	How do you weigh automation versus fairness or accountability ?	
	Q2.4a	Do you think human control is always needed, or can certain decisions be fully automated?	<i>Examine where human control is needed and where processes can be automated.</i>	FQ1.5	Can you describe a situation where human control was crucial?	
				FQ1.5a	Are there specific tasks that you would never automate ?	
<i>Data Governance and Quality</i>	Q2.5	How important do you think the quality, provenance and control of the data used in AI applications such as LLMs? And what approach does your organization take to this?	<i>Gain insight into data quality and how organizations handle input control and provenance of data in AI applications.</i>			
Lifecycle Management and LLM control measures.	Q2.6	In what ways does your organization control how LLMs are deployed, updated or modified? And are there agreements about which models can be used when?	Examine how humans and AI work together and what controls are in place.			
<i>Framework Validation & Future Outlook.</i>	Q2.7	What would you need to have confidence in an AI-supported framework for cybersecurity risk management? And how would such a framework ideally be tested or improved in practice?	Gain insight from experts on the quality, evaluation and adaptability of the framework.			
Feedback on the Framework	Q2.8	After reviewing the preliminary framework: which elements do you find most relevant or problematic in your practice? Are you missing certain elements or do you see opportunities for improvement?	Immediately gather feedback to improve your conceptual framework.			
Closing the interview		x				~ 5 minutes

Opening sentence:

Thank you for your willingness to participate in this interview. My name is Imane Akhyar and I am a master's student in Information Studies at the University of Amsterdam. This interview is part of my thesis research, which I am conducting at Kouters van der Meer, on how artificial intelligence can be effectively integrated into cybersecurity risk management within financial institutions.

The interview will last approximately 60 minutes and will be recorded for research purposes. Your answers will be completely anonymized and kept confidential. You may skip a question or end the interview at any time.

Do you have any questions before we begin?

Closing sentence:

This brings us to the end of the interview. Thank you again for your time and for sharing your insights, it is of great value to my research. As previously mentioned, all responses will be anonymized and kept strictly confidential. If you would like to receive a summary of the results of the final version of the framework, I will be happy to share it with you once my thesis is completed.

Finally, is there anything else you would like to add or clarify?