AI trust and model risk specialist

Enhances transparency and accountability by developing tools and processes to ensure AI model explainability while ensuring compliance with regulatory requirements and ethical guidelines

Critical work functions	Key activities
Development and implementation of model risk frameworks	Coordinate Gen AI part of the Advanced Analytics portfolio in terms of all relevant governance processes
	Ensure AI Model compliance with all relevant policies and regulations
	Develop risk response strategies to manage risk exposures relating to Gen AI and Advanced Analytics models
	Develop and implement procedures for documenting and updating technology policies, standards, guidelines, and procedures
	Lead the development and implementation of Model Risk Management framework and tooling
Support and guidance for the first line of defense	Support the first line of defense with procedure and policy-related questions
	Support data quality assurance in the global model inventory
	Support the first line of defense with all queries related to model inventory: registration, record updates, decommissioning, etc.
	Provide the development team with technical input on quality gaps to improve product quality
Model risk monitoring and reporting	Monitor and report on model risk across the organization's advanced analytics landscape
	Prepare data, reports, and presentations on model risk for various stakeholders
	Evaluate the efficiency and outcomes of existing quality processes
	Develop reports documenting quality testing outcomes for the relevant development teams
	Validate operating and usage conditions in which performance of quality measures drops
Compliance with policies and regulations	Ensure quality testing processes comply with regulatory and other relevant requirements
	Oversee the development of user guides on quality standards
	Address issues of non-compliance with quality standards and specifications
	Evaluate compliance review findings and prioritize corrective actions to address breaches
Development and execution of quality testing processes	Oversee enhancements to compliance control systems to address control deficiencies
	Determine quality standards at each stage of the development process to ensure quality of output
	Determine types and variations of quality tests for each phase of the product development process or lifecycle to fulfill business needs and requirements
	Manage the testing of quality measures under different operational and usage conditions across phases of the product development process or lifecycle
	Guide the development of tools to automate quality testing for suitable types of tests
	Review test plans and make refinements to ensure robustness of testing
Collaboration with stakeholders	Engage with stakeholders across the organization on the execution of model lifecycle activities
	Collaborate with stakeholders to ensure alignment with model risk management strategies

Source: SkillsFuture

Skills and proficiencies

Proficiency level: [X] Technical skills [X] New Gen AI skills

Technical skill competency (TSC)[1]					New Gen AI skills	
Partnership management	4	Security governance	4		Regulatory, legal, and risk management compliance in AI and Gen AI	4
Business risk management	4	IT governance	4		Ethical frameworks for Gen AI	4
Sustainability management	4	Audit and compliance	4		Gen AI data governance	4
Networking	4	Process improvement and optimization	4		Gen AI principles and applications	4
Data governance	4	Process validation	4		Prompt design	4
IT strategy	4	Quality engineering	4			
People and performance management	4	Test planning	4			
IT standards	4	Problem management	4			
Quality standards	4	Software testing	4			
Stakeholder management	4	Failure analysis	4			

1. Per skills taxonomy