Credit Risk Officer

Subsector: Enterprise

Job Family: Risk Management

Impact Level

Today, this role is responsible for identifying and balancing credit risk and returns of the credit portfolio through credit modeling techniques.

Medium Impact

Consolidated Activities

	Today	Future
Credit Risk Appetite and Limit Definition	Execution involves collaboration with business and key stakeholders to determine appropriate thresholds. Human judgment is needed to ensure alignment between various parties.	Role may leverage on Advanced Analytics to predict customer's spending patterns and behavior to help decide on appropriate credit limit.
Credit Risk Policy Development	Execution requires deep technical expertise and field experience to understand how best to safeguard interests of the organisation and minimise risk.	Advanced Analytics will enable modelling to create more robust frameworks that can be customised for different business line needs, while reviewing aggregated data will help to reveal trends and causal relationships.
Counterparty Risk Review and Rating	Execution requires human judgment and analytical thinking skills to manually evaluate and determine risk levels.	APIs will be used to aggregate financial information on existing and prospective counter-parties, obtaining a holistic understanding of credit risk exposure. Advanced Analytics allows for robust risk evaluation. Human judgment will still be required to validate and challenge machine-generated outputs.
Model Implementation	Execution involves technical expertise and knowledge of computational modelling to conduct stress testing, setting limits and provisioning.	Advanced Analytics and machine learning will generate more complex and robust models, but human judgment is needed to ensure that stress testing outputs are complete, consistent and comply with business and regulatory requirements.
Credit Risk Portfolio Monitoring and Reporting	Execution requires deep analytical skills and technical understanding of credit risk. However, task can be high in volume and tedious as manual monitoring and generating of reports are required.	AI will monitor credit data in real-time to produce more accurate reports and allow for earlier warning triggers.

In the next

3–5 years ...

This role will dedicate more time on strategic and policy implementation decisions due to the augmentation of the role by data analytics and automation. This role will need to be able to work with more complex models to continue to improve stress testing and reporting.

Skills Differentiators:

▸ **Data Storytelling:** The job holder will demonstrate ability to disseminate key findings in a compelling, impactful, and easy-to-understand manner to audiences with varying level of interests and appetite.

▸ **Data Engineering:** The job holder will possess strong understanding of the data pipeline and how to improve the collection of information prior to analysis.

▸ **Systems Thinking:** The job holder will possess strong understanding of how systems work within the context of larger systems to ensure successful implementation/integration of technology solutions.

▸ **Automation Management:** The job holder will oversee systems to ensure that requirements are met.

▸ **Analytics and Computational Modelling:** Despite automation, the job holder will continue to demonstrate strong capability in creating and delivering sophisticated models.

RPA | Advanced Analytics | AI