

| SKILLS FRAMEWORK FOR FINANCIAL SERVICES | | |
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| SKILLS MAP - HEAD OF RISK ANALYTICS/HEAD OF COMPLIANCE ANALYTICS | | |
| Sector | Financial Services | |
| Track | Risk, Compliance and Legal | |
| Occupation | Risk and Compliance Analytics Officer | |
| Job Role | Head of Risk Analytics/Head of Compliance Analytics | |
| Job Role Description | <p>The Head of Risk Analytics/Head of Compliance Analytics is responsible for overseeing the use of quantitative analytics, data modelling and data analysis to support risk management and regulatory compliance management activities within the organisation. He/She leads the development, management and deployment of data analytics and data models to enable risk and control assurance, while managing stakeholders through the life cycle of their projects. He ensures business requirements of the organisation are appropriately identified and addressed using analytical solutions, while also managing risks related to model and data analytics usage.</p> <p>The Head of Risk Analytics/Head of Compliance Analytics is well versed with data and quantitative analytics methodologies and how they can contribute to the commercial needs of the organisation. He is proficient in stakeholder management and communication, and able to provide guidance to teams on aligning business requirements and quantitative approaches. He is able to draw connections between various disciplines, synthesise information and articulate insights.</p> | |
| Critical Work Functions and Key Tasks | Critical Work Functions | |
| | Key Tasks | |
| | Develop and manage data models for risk and compliance | Determine business requirements for data models and quantitative analytics in risk and compliance |
| | | Lead the development of risk and compliance models and modelling methodologies for monitoring and risk assessment |
| | | Conduct quality assurance on approve data models and algorithms for implementation after testing is completed |
| | | Provide guidance to team members on data modelling and model validation activities for risk and compliance |
| | | Engage actively with business unit stakeholders to ensure quantitative solutions are aligned to business requirements |
| | | Ensure pricing and valuation models recommended by business units are suitable and aligned to risk frameworks |
| | | Direct data model risk management activities |
| | Support the implementation and use of risk and compliance models and/or data analytics | Oversee the deployment and integration of models and/or analytics solutions into the organisation's systems infrastructure |
| | | Address queries by senior stakeholders on quantitative interpretation and methodologies |
| | | Establish training initiatives to upskill employees on the use of quantitative analytic approaches in risk and compliance |
| | | Oversee the implementation of data models and algorithms |
| | | Manage internal stakeholders throughout the lifecycle of quantitative solutions implementation |
| | | Ensure documentation and references are in place to support the deployment and integration of models and/or analytics solutions |
| | | Enforce standard project management procedures for all requests, developments and implementations of data models and algorithms |
| | Supervise risk and/or compliance data analytics and model usage | Develop and deploy techniques and methodologies for data mining and data collection |
| | | Set the direction for the identification of rules, parameters and criteria for data analysis |
| | | Assess and approve options for introducing automation in manual data analysis and monitoring systems |
| | | Highlight risks and weaknesses of the model which may impact data analysis findings |
| | | Ensure employees are trained in risk and compliance principles |
| | | Drive a culture of responsible data use through model governance setting |
| | | Oversee periodic reviews of data samples to ensure data quality, completeness and integrity in analytics usage |
| | | Influence senior management to adopt models and/or analytics solutions for the organisation |
| | Manage the documentation and reporting of risk and compliance data analytics | Review and propose improvements to reporting dashboards for representing risk and compliance data analytics findings |
| | | Communicate findings of summary reports of data analysis findings, trends analysis, baseline benchmarking and modelling outputs to stakeholders |
| | | Challenge the results of data modelling, monitoring and analysis based on known risks and weaknesses in models |

| | Identify routine risk and compliance analytics requirements and plan for non-routine requirements | | Translate and communicate data analytics findings into formats suitable for senior management and decision-making | |
|--------------------------------|---|---------|---|----------|
| Skills and Competencies | Technical Skills and Competencies | | Generic Skills and Competencies (Top 5) | |
| | Business Requirements Mapping | Level 5 | Problem Solving | Advanced |
| | Business Risk Assessment | Level 4 | Transdisciplinary Thinking | Advanced |
| | Data Analytics and Computational Modelling | Level 5 | Creative Thinking | Advanced |
| | Data Collection and Analysis | Level 5 | Service Orientation | Advanced |
| | Data Storytelling and Visualisation | Level 4 | Resource Management | Advanced |
| | Ethical Culture | Level 5 | | |
| | People Performance Management | Level 5 | | |
| | Project Management | Level 5 | | |
| | Risk Analytics | Level 5 | | |
| | Risk and Compliance Reporting | Level 5 | | |
| | Software Configuration | Level 5 | | |
| | Stakeholder Management | Level 5 | | |
| | Strategy Planning | Level 5 | | |
| Technology Application | Level 4 | | | |
| Programme Listing | For a list of Training Programmes available for the Financial Services sector, please visit: www.skillsfuture.sg/skills-framework/financial-services | | | |

The information contained in this document serves as a guide.