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Job dashboard – Financial Forensics Senior/Financial Forensics Senior Executive (1/2)

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Trends impacting this role					Impact Assessment
Artificial Intelligence (AI) & Analytics	Blockchain	Changing Public/ Client Expectations	Cloud Computing	Workforce Challenges	 MEDIUM degree of change in tasks
Cybersecurity	COVID-19	Move towards Outsourcing & Offshoring	Intelligent Automation		

Responsibilities of the role today

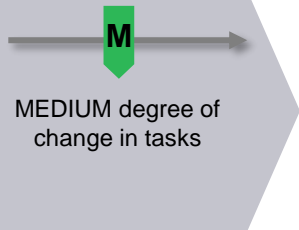
Today, this job role is responsible for carrying out fraud risk identification exercises and using technology tools to monitor activities. The role develops fraud risk management frameworks and provides recommendations to improve the prevention and detection of fraud schemes. Job holders also partner with other relevant teams to provide data and information needed to conduct investigations as well as detection and prevention activities.

Job tasks today	Impact at task-level/Future view of job tasks	Time horizon
Conduct fraud risk identification exercises including identifying gaps and providing recommendations	H <ul style="list-style-type: none"> Intelligent Automation enables the automation of continuous monitoring of transactions and activities. AI (i.e. deep learning) tools will detect anomalous transactions by accessing and analysing unstructured financial data to help identify fraud more proactively. Increased monitoring will allow more pre-emptive recommendations on fraud prevention activities Focus will shift towards training the AI machine based on past cases and trends to pick up anomalies and provide recommendations to close gaps 	<ul style="list-style-type: none"> Medium-term
Carry out fraud risk assessments and analyse relevant data and information	M <ul style="list-style-type: none"> AI enables the enhancement of fraud detection activities. There will be a need to understand data sets and identify supplemental data that can be gathered for better insights Tasks will expand in the distant future to use specialised tools and new methodologies to detect fraud within distributed ledgers. Nevertheless, Blockchain is still in its nascent stage and will not have an impact on job tasks yet Continue to analyse anomalies to determine patterns and provide value-add to ongoing investigations 	<ul style="list-style-type: none"> Medium to long-term
Assist with conducting fraud investigations, identifying sources of evidence and ensuring accuracy, validity, relevance and reliability	M <ul style="list-style-type: none"> Analytics enables the enhancement of interview processes as having access to data earlier in investigations will help to provide more insights when it comes to forming interview questions E-discovery tools are used to transform images of physical documents into searchable texts through optical character recognition for more efficient assessment of the reliability of sources and fraud investigation Cloud Computing has made it challenging for job holders to pinpoint the exact location of the data as it is now located across various cloud platforms. Job holders need to understand internal processes and system components of Cloud Computing to perform information extraction and investigation Leverage cybersecurity knowledge to assist in investigations of financial hacking and identify evidence sources Job holders will continue to extract documents from clients' site despite COVID-19 unless the data is not sensitive Human intervention will be required to share findings with stakeholders 	<ul style="list-style-type: none"> Short-term
Collect data to develop case reports and draft statements for litigation support	M <ul style="list-style-type: none"> AI enables the enhancement of reports with improved data visualisation Domain knowledge will still be required to ensure that data collected and presented is clear and useful for case reports 	<ul style="list-style-type: none"> Short-term

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Job dashboard – Financial Forensics Senior/Financial Forensics Senior Executive (2/2)

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Responsibilities of the role in the future

Moving forward, this job role will use Intelligent Automation tools to continuously monitor transactions and detect suspicious activities. AI & Analytics enables the analysis of past trends and assists in providing insights to formulate relevant interview questions. Job holders will broaden their understanding of new ways to obtain evidence stored in cloud systems. Human intervention is required to leverage cybersecurity knowledge and analytical skills to investigate financial hacking.

Technical Skills (TSC) Required

• Accounting Standards	Level 5	• Internal Controls	Level 4
• Conflict Management	Level 4	• Litigation Support	Level 4
• Corporate and Business Law	Level 3	• Professional and Business Ethics	Level 4
• Cyber Security	Level 4	• Professional Skepticism and Judgment	Level 3
• Digital Forensics	Level 4	• Programming and Coding	Level 2
• Digital Technology Environment Scanning	Level 4	• Project Execution and Control	Level 3
• Evidence Management	Level 5	• Project Management	Level 3
• Financial Crime Laws and Regulations	Level 4	• Regulatory Risk Assessment	Level 4
• Financial Statements Analysis	Level 5	• Risk Assessment	Level 4
• Forensic Data Analytics	Level 4	• Stakeholder Management	Level 4
• Fraud Detection and Prevention	Level 4	• Valuation Approaches and Methodologies	Level 3
• Fraud Investigation Planning and Execution	Level 4		

Critical Core Skills (CCS) Required

• Communication	Intermediate	• Digital Fluency	Advanced
• Creative Thinking	Intermediate	• Sense Making	Intermediate