Quantitative trader

Proficiency level

- X New Gen AI skills
- X New skills
- X Transferrable skills at the same proficiency level
- X Transferrable skills at a higher proficiency level[1]

Skills Framework track	Trading and execution
Job function	Customer operations
Job family	Trader
Sub-sectors	Investment banking, asset management
Expected augmentation by Gen AI	**Do more and do new:** Gen AI can enhance market monitoring for news and opportunities, and streamline trade execution analysis, while ensuring compliance with trading regulations and execution policies; outputs from Gen AI tools can also be directly used by clients to execute trades

Key tasks that can benefit from Gen AI

Critical work functions	Key tasks
Manage trades from inception to execution	Research and keep up-to-date on financial instruments of focus and/or sectors or industries of focus for trading
	Conduct analysis of trade execution
	Monitor the market for news, potential disruptions, and opportunities
Establish compliance with regulations and execution policies	Ensure that the trades executed comply with organization's execution policies and local trading regulations
	Learn and stay up-to-date with local trading regulations and best execution policies

New Gen AI skills

Prompt design	2
Gen AI principles and applications	2
Ethical and responsible Gen AI adoption	2

Additional skills required for potential redesigned role

Role 1: Data analyst (adj[2]. Score: 0.38)

Ethical culture	3	Stakeholder management	3	Project management	3
Emerging technology synthesis	3	Data storytelling and visualization	3	Sustainability reporting	3
Data analytics and computational modeling	3	Programming and coding	3	Sustainability risk management	3
Data collection and analysis	3	Impact indicators, measures, and reporting	3		
Data mining and modeling	3	Data governance	3		

Role 2: Digital transformation executive (adj. Score: 0.35)

Ethical culture	3	Sustainability risk management	3	Business planning	4
Emerging technology synthesis	4	Business needs analysis	3	Business environment analysis	4
Market research and analysis	3	Benchmarking	3	Continuous improvement management	4
Taxonomy application	3	Technology application	3	Project management	4
Data collection and analysis	4	User experience design	3	Change management	4
Standard operating procedures development	3	Product design and development	4		

DO MORE AND DO NEW

1. Transferrable skills with an increase in one level of proficiency is considered easier to acquire than transferable skills with multiple levels of increase in proficiency, followed by net new additional skills. Depending on job redesign for the financial institution, the financial institution will have to pick select skills to reskill employees on, via a combination of on-the-job training and existing courses.
2. Skills adjacency score.

Source: SkillsFuture Skills Framework