Data analyst

Skills Framework track	Digital and data analytics

Job function	Engineering and tech.

Job family	Data

Sub-sectors	Retail banking, corporate banking, investment banking, private banking and wealth management, asset management, insurance

Expected augmentation by Gen AI	**Do more and do new:** Gen AI can streamline the recording of data sources and models, enhance the development of analytical tools, and clean databases more efficiently. Gen AI tools can also optimize data mining activities and design advanced data visualizations, which can directly be used by users in business units

Key tasks that can benefit from Gen AI

Critical work functions	Key tasks
Develop data solution optimization approaches	Identify alternate approaches for identifying and manipulating data based on different business needs
	Record data sources, models, and algorithms used and developed in past projects into knowledge management systems
	Identify available analytical tools and/or develop analytical tools to address potential issues faced by business units
Build data analysis and processing systems	Develop automated and logical data models and data output methods
	Gather data from internal systems and external sources according to specific data needs
	Conduct data mining activities to identify trends, patterns, and correlations within large datasets
	Design data reports and visualizations to facilitate data interpretation understanding
	Clean databases to remove duplicated, outdated, or irrelevant information
	Enter information accurately into data collection systems
Provide data analytics services to internal stakeholders	Provide recommendations on latest technologies, strategies, and products to the organization based on the organization's compatibility and needs
	Assist in conceptualization of data analytics projects
	Monitor and track delivery status on project pipelines for timeliness, accuracy, and potential incoming data analytics projects

DO MORE AND DO NEW

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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

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