AI/Gen AI product manager

Manages the lifecycle of AI models from development and training to deployment and maintenance, ensuring alignment with business objectives and user needs

Critical work functions	Key activities
Business value presentation and stakeholder collaboration	Present data-driven business value of Gen AI models to stakeholders
	Build and maintain robust communication channels with stakeholders
	Act as a trusted advisor to guide stakeholders on Gen AI solutions
	Regularly update stakeholders through feedback sessions and workshops
	Facilitate regular meetings and workshops with cross-functional teams
	Ensure alignment and synergy among IT, data science, and business units
	Identify business needs for Gen AI solutions
Model building, assessment, and management	Develop and validate Gen AI models tailored to business requirements
	Conduct comprehensive risk assessments for Gen AI projects
	Monitor project performance and address emerging issues promptly
	Lead initiatives to evaluate and enhance Gen AI processes
	Implement best practices and innovative methodologies
	Facilitate feedback loops to drive ongoing optimization
Data preparation and technical specifications	Manage data preparation and modeling to ensure high-quality inputs for AI solutions
	Develop technical specifications for Gen AI projects
	Collaborate with technology teams on infrastructure and UX frameworks
	Align architectural designs with firmwide strategic goals
	Ensure that Gen AI solutions meet business requirements and user needs
	Manage the integration of Gen AI solutions into existing systems and processes
Project planning and implementation	Create detailed project roadmaps with timelines and milestones
	Manage resource allocation and project timelines
	Maintain a prioritized backlog of Gen AI projects
	Use project management tools to monitor and adjust plans as needed
	Establish systems to track key project metrics and KPIs
	Generate regular reports to provide insights and recommend improvements
	Use data-driven approaches to optimize project performance
Solution analysis and strategic design	Identify and design scalable, reusable Gen AI solutions
	Assess the feasibility, viability, and efficiency of proposed Gen AI solutions
	Oversee the development and validation of Gen AI models
	Develop and implement proactive risk mitigation plans
	Ensure Gen AI solutions are aligned with business goals and strategic initiatives
	Analyze systems and propose innovative Gen AI solutions to enhance business processes

Skills and proficiencies

Proficiency level: **X** Technical skills   **X** New Gen AI skills

Technical skill competency (TSC)[1]

Skill	Level	Skill	Level
Strategy implementation	3	Business requirement mapping	4
Test planning	3	Stakeholder management	4
Business needs analysis	3	Business risk management	4
Emerging technology synthesis	4	Data governance	4
Business innovation	4	Quality standards	4
Process improvement and optimization	4	Data design	4
Performance management	4	Computational modelling	4
Partnership management	4	Pattern recognition systems	4
Change management	4	Data ethics	4
Data strategy	4	Text analytics and processing	4
Project management	4		

New Gen AI skills

Skill	Level
Prompt design	3
Gen AI principles and applications	3
Gen AI model selection	3
Gen AI model evaluation	3
Gen AI application development and deployment	3
Gen AI model development and fine-tuning	3
Responsible AI and Gen AI practices	3
Gen AI models technical aspects of security and ethics	3
Prompt engineering	3

Source: SkillsFuture

1. Per skills taxonomy