

and optimised artificial intelligence (AI)/machine learning (ML) models, and ensures communication collaboration with appropriate stakeholders. He/She is responsible for evaluating techniques or algo used and ensuring performance of the models deployed, and guiding or coaching the team in achiev quality in technical areas of the projects. Job Role Description He works in a team setting and is proficient in statistics, scripting and programming languages require the organisation. He is also familiar with the relevant software platforms on which the solution is depon. The Senior Al/Machine Learning Engineer is passionate about delivering end-to-end data projects, find scoping and discovery to post-deployment. He is skilled in stakeholder management, possesses the communicate ideas and recommendations to and influence various internal stakeholders, both within beyond the team. Critical Work Functions Key Tasks Perform Expecta Evaluate Al/ML model scaling and packaging codes for refinement Assess performance of production-level Al/ML models for scalability Manage Al/ML development pipeline and infrastructure Lead the extraction, transformation, loading and integration of unstructured data for modeling Review scaled Al/ML models to ensure desired performance can be achieved when deployed Drive optimisation of Al solutions to increase performance Critical Work Functions, Key Tasks and Performance Deploy Al/ML models Communicate deployment issues and resolution	and rithms				
Sub-track	and rithms				
Artificial Intelligence/Machine Learning Engineer	and rithms				
The Senior Artificial Intelligence/Machine Learning Engineer The Senior Artificial Intelligence/Machine Learning Engineer oversees projects for the production of and optimised artificial intelligence (Al)/machine learning (ML) models, and ensures communication collaboration with appropriate stakeholders. He/She is responsible for evaluating techniques or algo used and ensuring performance of the models deployed, and guiding or coaching the team in achiev quality in technical areas of the projects. He works in a team setting and is proficient in statistics, scripting and programming languages required the organisation. He is also familiar with the relevant software platforms on which the solution is deponent. He scoping and discovery to post-deployment. He is skilled in stakeholder management, possesses the communicate ideas and recommendations to and influence various internal stakeholders, both within beyond the team. Critical Work Functions Evaluate Al/ML model scaling and packaging codes for refinement Assess performance of production-level Al/ML governant Framewor integration of unstructured data for modelling Review scaled Al/ML models to ensure desired performance on the achieved when deployed Drive optimisation of Al solutions to increase performance Critical Work Functions Critical Work Functions Critical Work Functions Critical Work Functions Deploy Al/ML models Create test plans for post-deployment Communicate deployment issues and resolution	and rithms				
The Senior Artificial Intelligence/Machine Learning Engineer oversees projects for the production of and optimised artificial intelligence (Al)/machine learning (ML) models, and ensures communication collaboration with appropriate stakeholders. He/She is responsible for evaluating techniques or algo used and ensuring performance (Al)/machine learning (ML) models, and ensures communication collaboration with appropriate stakeholders. He/She is responsible for evaluating techniques or algo used and ensuring performance of the models deployed, and guiding or coaching the team in achiev quality in technical areas of the projects. He works in a team setting and is proficient in statistics, scripting and programming languages requite the organisation. He is also familiar with the relevant software platforms on which the solution is depon. The Senior Al/Machine Learning Engineer is passionate about delivering end-to-end data projects, fit scoping and discovery to post-deployment. He is skilled in stakeholder management, possesses the communicate ideas and recommendations to and influence various internal stakeholders, both within beyond the team. Critical Work Functions Revaluate Al/ML model scaling and packaging codes for refinement Assess performance of production-level Al/ML models for scalability Manage Al/ML development pipeline and infrastructure Lead the extraction, transformation, loading and integration of unstructured data for modelling Review scaled Al/ML models to ensure desired performance can be achieved when deployed Drive optimisation of Al solutions to increase performance Oversee the deployment of Al/ML solutions Create test plans for post-deployment Communicate deployment issues and resolution	and rithms				
and optimised artificial intelligence (AI)/machine learning (ML) models, and ensures communication collaboration with appropriate stakeholders. He/She is responsible for evaluating techniques or algo used and ensuring performance of the models deployed, and guiding or coaching the team in achiev quality in technical areas of the projects. He works in a team setting and is proficient in statistics, scripting and programming languages required the organisation. He is also familiar with the relevant software platforms on which the solution is depon. The Senior Al/Machine Learning Engineer is passionate about delivering end-to-end data projects, find scoping and discovery to post-deployment. He is skilled in stakeholder management, possesses the communicate ideas and recommendations to and influence various internal stakeholders, both within beyond the team. Critical Work Functions Rey Tasks Perform Expecta Evaluate Al/ML model scaling and packaging codes for refinement Assess performance of production-level Al/ML models for production Assess performance of production-level Al/ML models for production Personal Personal Protection Critical Work Functions, Key Tasks and Performance Deploy Al/ML models Deploy Al/ML models Communicate deployment issues and resolution	and rithms				
Critical Work Functions Evaluate Al/ML model scaling and packaging codes for refinement Assess performance of production-level Al/ML models for scalability Manage Al/ML development pipeline and infrastructure Lead the extraction, transformation, loading and integration of unstructured data for modelling Review scaled Al/ML models to ensure desired performance can be achieved when deployed Drive optimisation of Al solutions to increase performance Critical Work Functions, Key Tasks and Performance Deploy Al/ML models Deploy Al/ML models Expecta Evaluate Al/ML model scaling and packaging codes for refinement Assess performance of production-level Al/ML models of production	He works in a team setting and is proficient in statistics, scripting and programming languages required by the organisation. He is also familiar with the relevant software platforms on which the solution is deployed on. The Senior Al/Machine Learning Engineer is passionate about delivering end-to-end data projects, from scoping and discovery to post-deployment. He is skilled in stakeholder management, possesses the ability to communicate ideas and recommendations to and influence various internal stakeholders, both within and				
Develop artificial intelligence (AI)/machine learning (ML) models for production (AI) models for production Develop artificial intelligence (AI)/machine learning (ML) models for production Develop artificial intelligence (AI)/machine learning (ML) models for production Develop artificial intelligence (AI)/machine learning (ML) models for production Develop artificial intelligence (AI)/machine learning (ML) models for production Model AI Governan Framewor Personal Protection 2012, Per Data Prot Commissi Critical Work Functions, Key Tasks and Performance Deploy AI/ML models Communicate deployment issues and resolution					
Tasks and Performance Deploy Al/ML models Create test plans for post-deployment Communicate deployment issues and resolution	 Model Al Governance Framework Personal Data Protection Act 2012, Personal Data Protection Commission 				
Expectations plans to stakeholders Lead the development and deployment of supervised and/or unsupervised techniques for problem solving					
Plan the end-to-end deployment of Al/ML solutions from initial testing, deployment, to optimisation in terms of system performance and run time Lead project estimations and code reviews Set project timelines and work quality guidelines Apply project management tools and processes to ensure project is cost-effective Communicate project objectives at critical junctions to obtain buy-in from all stakeholders Deliver scalable Al/ML solutions	- - -				
Tachnical Skills and Compatancies Ganaric Skills and Compatancies					
Skills and Competencies Competencies Technical Skills and Competencies Generic Skills and Competencies Business Needs Analysis Level 5 Leadership Advance					



			SKILLS	WESG AUTHORITY
	Change Management	Level 4	Developing People	Intermediate
	Cloud Computing	Level 4	Transdisciplinary Thinking	Advanced
	Computational Modelling	Level 4	Computational Thinking	Intermediate
	Computer Vision Technology	Level 5	Communication	Intermediate
	Configuration Tracking	Level 4		
	Data Design	Level 5		
	Data Engineering	Level 4		
	Data Governance	Level 5		
	Data Strategy	Level 5		
	Database Administration	Level 4		
	Emerging Technology Synthesis	Level 5		
	Intelligent Reasoning	Level 5		
	Pattern Recognition Systems	Level 5		
	Problem Management	Level 5		
	Project Management	Level 5		
	Security Architecture	Level 4		
	Self-Learning Systems	Level 5		
	Stakeholder Management	Level 5		
	System Integration	Level 4		
	Test Planning	Level 4		
	Text Analytics and Processing	Level 5		
Programme Listing	For a list of Training Programmes availab framework/ict	le for the ICT s	ector, please visit: www.skill	sfuture.sg/skills-

The information contained in this document serves as a guide.