

SKILLS FRAMEWORK FOR INFOCOMM TECHNOLOGY TECHNICAL SKILLS & COMPETENCIES (TSC) REFERENCE DOCUMENT

TSC Category	Risk Management, Governance and Regulatory Compliance					
TSC	AI Ethics and Governance					
TSC Description	Establish and drive Artificial Intelligence Ethics and Governance frameworks to ensure compliance, manage risks and commercial benefits in product design					
TSC Proficiency Description	Level 1	Level 2	Level 3	Level 4	Level 5	Level 6
		Identify AI Ethics and Governance principles as well as processes to apply these in daily activities	Check for adherence to relevant AI Ethics and Governance framework and apply it to projects with AI components	Evaluate and roll-out AI Ethics and Governance framework as well as ensure compliance within projects with AI components	Formulate AI Ethics and Governance frameworks within the organisation on projects with AI components	Establish, review and drive AI Ethics and Governance frameworks
Knowledge		<ul style="list-style-type: none"> AI Ethics and Governance frameworks AI Ethics and Governance principles AI Ethics and Governance processes Relevant code of conduct for AI Ethics and Governance 	<ul style="list-style-type: none"> AI Ethics and Governance principles and market best practices Organisation's AI ethical culture 	<ul style="list-style-type: none"> AI Ethics and Governance principles and policies AI Ethics and Governance framework Best practices in AI Ethics and Governance 	<ul style="list-style-type: none"> AI Ethics and Governance principles and policies AI Ethics and Governance framework Best practices in AI Ethics and Governance Role of practitioners in the organisation in adherence to AI Ethics and Governance 	<ul style="list-style-type: none"> AI Ethics and Governance framework Best practices in AI Ethics and Governance Relations between governance and ethical culture Stakeholder management techniques

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Abilities		<ul style="list-style-type: none"> Identify AI Ethics and Governance principles and processes Uphold and comply with relevant AI Ethics and Governance pronouncements or code of conduct and ethics during performance of individual duties and responsibilities Identify the linkages and apply the growing importance of AI Ethics and Governance to govern its' deployment in AI related projects 	<ul style="list-style-type: none"> Apply safeguards to deter situations that may result in non-adherence or breach of these principles to the organisation Identify implications for non-adherence or breach of these principles to the organisation and communicate these implications to teams Identify situations which may give rise to ethical conflicts in accordance with the principles of AI Ethics and Governance Develop plans to negate occurrence of AI Ethics and Governance breaches Monitor AI components within projects and check for adherence to AI Ethics and Governance principles 	<ul style="list-style-type: none"> Interpret and implement AI Ethics and Governance principles and policies in AI related projects Manage biasness for specific features in the deployment of models Evaluate deployed models for transparency for ease of understanding and capability scoring Review data to ensure traceability with data lineage available and measurable data quality Articulate how AI should be used to stakeholders 	<ul style="list-style-type: none"> Align industry requirements to AI Ethics and Governance principles, taking into consideration the associated impact and risks and inputs from functional leads Develop organisation framework, standards and best practices on AI Ethics and Governance on AI related projects 	<ul style="list-style-type: none"> Establish and enhance principles and policies as the industry around AI and AI Ethics evolve Keep abreast with new regulations locally and regionally and update the principles and practices to stay relevant Engage organisations and provide advice on establishing the AI Ethics and Governance practice Advocate senior management buy-in for AI Ethics and Governance and drive the application of inputs from functional leads for AI Ethics and Governance within all AI related projects
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