

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

TSC Category	Development and Implementation	١						
TSC Title	Data Visualisation and Storyboarding							
TSC Description	Implement contemporary techniques, dynamic visual displays with illustrative and interactive graphics to present patterns, trends, analytical insights from data or new concepts in a strategic manner for the intended audience							
TSC Proficiency	Level 1	Level 2	Level 3	Level 4	Level 5	Level 6		
Description			ICT-DIT-3006-1.1	ICT-DIT-4006-1.1	ICT-DIT-5006-1.1			
			Select appropriate	Design storyboards and	Establish an effective data			
			visualisation techniques to	data displays to present	storytelling and visualisation			
			translate data insights into	trends and finding,	architecture and design			
			visual and narrative formats	incorporating new and	intelligent and adaptable			
			to deliver compelling	advanced visualisation	displays employing optimal			
			messages and develop	techniques and analytics	delivery modes,			
			dashboards to reflect data trends and findings	capabilities	mechanisms and timings			
Knowledge			Interpretation of data	New data visualisation	Emerging trends and			
Miowicage			analysis and findings	tools and techniques	developments in data			
			Types of information	Range of methods to	visualisation			
			displays	portray data patterns,	Strategic elements and			
			Suitability of different	trends and correlations	considerations in a data			
			data representations and	Dashboard development	presentation architecture			
			visual displays for	process and techniques	 Modes and mechanisms 			
			different contexts	Features of data	for data delivery			
			Data visualisation tools	displays	Intelligent data			
			and techniques	Strategic visualisation	dashboard design			
			Elements of data	and mapping techniques	methodologies and			
			dashboards	Storyboarding and	techniques			
				framework development	Strategic visualisation			
				Exploratory and	and mapping techniques			
				diagnostic analysis of	Storyboarding and framework development			
				data	framework development			
				Data dashboard creation				
				and application				
			- Colort appropriate	capabilities	a Docigo general			
Abilities			 Select appropriate visualisation techniques 	Draw key meanings and insights from data	Design general framework and			
			and information displays	available	storyboard for			
			to convey data and	Develop general	communicating data			
			findings	framework and	Lead efforts to align			
			Organise the	storyboard for	storyboard to business			
			presentation of data to	communicating data	vision, strategic, goals			
			reflect trends and	Communicating data	and branding			
			Tolloot trellus allu		and branding			



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correlations in a visually	 Introduce new or 	Establish an effective	
compelling way	emerging visualisation	data presentation	
 Incorporate appropriate 	tools and techniques that	architecture to address	
elements to create	are fit for purpose	critical business	
informative and dynamic	 Exercise judgement on 	questions	
data displays	the presentation of data	Integrate latest	
 Develop basic 	to ensure that critical	developments in data	
dashboards and	trends and findings are	visualisation tools,	
scorecards to display	presented in the optimal	techniques and	
internal as well as	way	methodologies	
external benchmark data	 Develop dashboards and 	Determine suitable data	
Incorporate interactive	scorecards incorporating	presentation delivery	
graphics, visuals and	advanced visualisation	modes and mechanisms,	
technical features into	techniques and	tailored to key	
the data presentation	embedding analytics	stakeholders' needs	
Communicate limitations	capabilities	Make decision on the	
of data and	 Review tables, graphs, 	optimal timing for	
interpretations of	and dynamic data	presentation and	
findings	displays, to ensure key	updates of data and	
Describe context and	questions from key	trends on dashboards	
commentary behind	stakeholders are	and systems	
visualised data patterns	addressed	Design intelligent data	
Describe data trends	 Design features of data 	dashboards and	
and patterns in narrative	displays including	customisable visual	
format suited to level of	navigation, layout, user	displays	
understanding of	interface and user	Lead efforts to interpret	
audience	experience of interactive	and present	
Adjust language and	graphics	explanations for	
presentation formats	 Identify and define 	counterintuitive patterns	
according to audience	linkages between data,	or findings	
being communicated to	visuals and narratives		
 Present and describe 	being shared		
key meaning and	Identify context to		
insights	support data storytelling		
	objectives		
	 Guide others towards 		
	developing data		
	storytelling and data		
	visualisation abilities		
	Align interpretation and		
	presentation of data		
	analytics findings with		
	subject matter experts		
	subject matter expens		



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Range of Application	Data visualisation tools may include, but are not limited to:
Range of Application	• Tableau
	• HTML/CSS
	SAS Visual Analytics
	•R
	Data visualisation techniques may include, but are not limited to:
	• Line charts
	Network diagram
	Map frequency chart