



β

BETA ME :)

Be in a constant state of 'beta' to 'better' yourself

Beta is the state of constant improvement. This 2022, be in a constant state of beta (i.e. improvement) to better yourselves to be one step ahead in the race of digital transformation and support the realisation of a Digital Government.

Check out the upskilling opportunities available for your job role with this **DA Upskilling Guide**.

By Functional Cluster

Check out courses if you want to upskill in your respective job roles

By Cross Cutting Areas

Check out courses if you want to upskill in Agile, Design Thinking

DA Upskilling Guide

This DA Upskilling Guide helps guide your learning needs. Find out which how the Digital Academy (DA) maps its courses or find out which DA courses you should take, based on your job role.

a. Functional Clusters

There are 10 Functional Clusters.

1. ICT Infrastructure	2. Applications Infrastructure	3. Applications Development	4. Applications Management
5. Technology Management	6. Product Management	7. Data Science & AI	8. Modelling & Simulations
9. Sensors & Internet of Things	10. Cybersecurity		

b. Job Roles by Functional Clusters

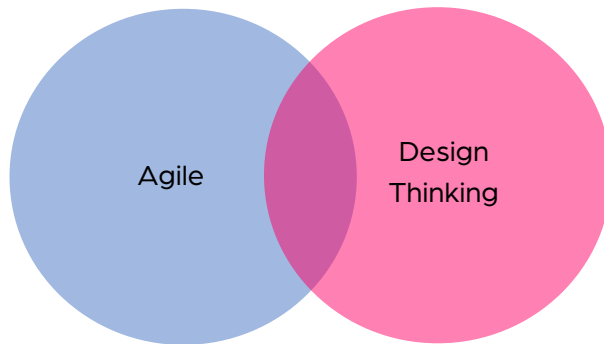
Get started on your upskilling journey – click on your Job Role to view the courses you should take to build your competencies.

1. ICT Infrastructure ★	2. Applications Infrastructure ★	3. Applications Development	4. Applications Management
<ul style="list-style-type: none"> Infrastructure Engineer Infrastructure Architect 	<ul style="list-style-type: none"> App Infra Engineer App Infra Architect App Infra Manager 	<ul style="list-style-type: none"> Software Engineer DevOps Engineer Quality Engineer Delivery Manager UX Designer 	<ul style="list-style-type: none"> Digital Services Manager Digital Business Analysts Solution Architect Project Manager (Agile)
5. Technology Management	6. Product Management ★	7. Data Science & AI ★	8. Modelling & Simulations
<ul style="list-style-type: none"> CIO 	<ul style="list-style-type: none"> Engagement Manager Product Manager 	<ul style="list-style-type: none"> Data Engineer Computational Scientist Quantitative Analyst AI Engineer 	<ul style="list-style-type: none"> Geospatial Info Sys Architect Modelling & Simulation Engineer Interactive Digital Media (AV/VR) Engineer
9. Sensors & Internet of Things <i>coming soon</i>	10. Cybersecurity ★	Others	
<ul style="list-style-type: none"> Embedded Engineer Systems Engineer Robotics Engineer R&D Engineer 	<ul style="list-style-type: none"> CISO Cybersecurity Engineer Cybersecurity Policy Developer Red Team Engineer 	<ul style="list-style-type: none"> Public Service Leaders Public Service Officers 	

★ key focus areas

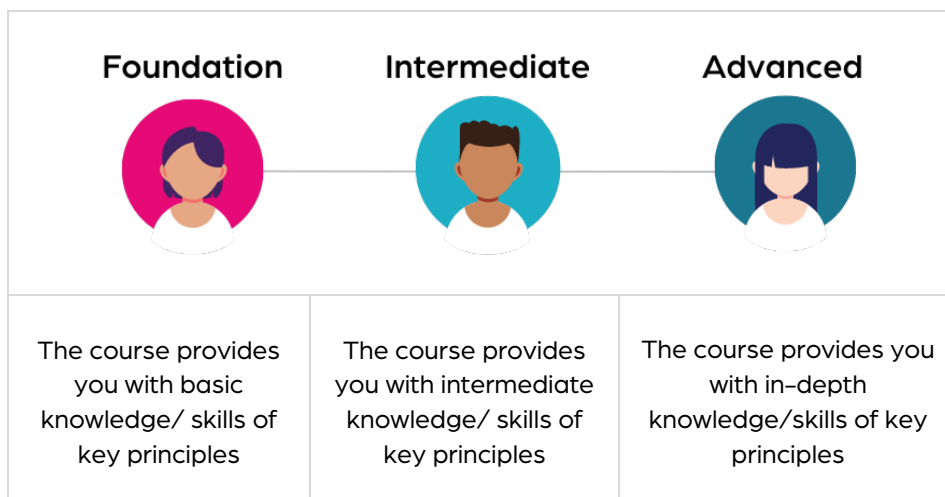
c. Cross-Cutting Areas

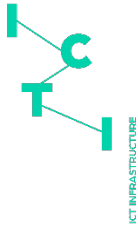
Alternatively click on the cross-cutting areas to view the courses you should take to build your competencies.



d. Course Levels

DA courses provides courses that spans from Foundation to Advanced so that you can upskill based on your needs.





ICT Infrastructure

STEP 1:

Choose your job role

STEP 2:

Choose to upskill from 3 course levels – Foundation, Intermediate, Advanced

STEP 3:

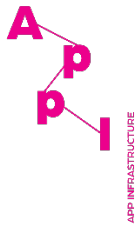
Choose your course, click on the link to learn more and register. For courses denoted with ^ it's coming soon!

Job Roles	Foundation	Intermediate	Advanced	DA Courses	Cross – Cutting Areas	Schedule
INFRA ENGINEER: Design, install, operate and maintain the IT infrastructure hardware and software components.	✓			<ul style="list-style-type: none"> AWS Cloud Practitioner Essentials 		23 Sep 2022 25 Nov 2022
	✓			<ul style="list-style-type: none"> AWS Technical Essentials 		19 Aug 2022 21 Oct 2022 09 Dec 2022
	✓			<ul style="list-style-type: none"> AZ-900 MS Azure Fundamentals 		2 Sep 2022 27 Oct 2022 25 Nov 2022 28 Dec 2022
	✓			<ul style="list-style-type: none"> DevOps Foundation 		
	✓			<ul style="list-style-type: none"> From Data to Insights with Google Cloud Platform 		
	✓			<ul style="list-style-type: none"> Google Cloud Big Data and ML Fundamentals 		
	✓			<ul style="list-style-type: none"> Google Cloud Fundamentals: Core Infrastructure 		
	✓			<ul style="list-style-type: none"> Vulnerability Assessment 		12 – 13 Sep 2022
				<ul style="list-style-type: none"> Exam Readiness: AWS Certified Developer – Associate 		
		✓		<ul style="list-style-type: none"> ISTQB – Agile Tester Extension Foundation Level Certification 		12 Jan 2023
		✓		<ul style="list-style-type: none"> AZ-104 Microsoft Azure Administrator 		05 – 08 Sep 2022
		✓		<ul style="list-style-type: none"> Developing on AWS + Developing Jam 		17 – 20 Oct 2022 12 – 15 Dec 2022
		✓		<ul style="list-style-type: none"> Exam Readiness: AWS Certified Solutions Architect – Associate Architect Associate 		
		✓		<ul style="list-style-type: none"> CompTIA Cloud+ 		14 – 18 Nov 2022
		✓		<ul style="list-style-type: none"> ISTQB Certified Tester Foundation Level (CTFL) 		31 Oct – 2 Nov 2022 1 – 3 Feb 2023
		✓		<ul style="list-style-type: none"> Architecting on AWS + Architecting JAM 		5 – 8 Sep 2022 11 – 14 Oct 2022 7 – 10 Nov 2022 5 – 8 Dec 2022
		✓		<ul style="list-style-type: none"> Systems Operations on AWS + SysOps JAM 		3 – 6 Oct 2022 5 – 8 Dec 2022
		✓		<ul style="list-style-type: none"> Automating Infrastructure Provisioning and Configuration 		27 – 29 Sep 2022 19 – 21 Dec 2022 13 – 15 Mar 2023
		✓		<ul style="list-style-type: none"> AZ-204 Microsoft Developing Solutions for Microsoft Azure by Trainocate 		10 – 14 Oct 2022 12 – 16 Dec 2022
		✓		<ul style="list-style-type: none"> Building Data Lakes on AWS (DA/ML - Step 1) 		14 Nov 2022
	✓		<ul style="list-style-type: none"> Architecting with Google Compute Engine 			

	✓		<ul style="list-style-type: none"> • Data Engineering on Google Cloud 		
	✓		<ul style="list-style-type: none"> • Machine Learning on Google Cloud 		
	✓		<ul style="list-style-type: none"> • Getting Started with Google Kubernetes Engine 		
	✓		<ul style="list-style-type: none"> • Architecting with Google Cloud Design and Process 		
	✓		<ul style="list-style-type: none"> • (ISC)² Certified Information Systems Security Professional Common Body of Knowledge (CISSP CBK) Training Seminar 		27 – 31 Mar 2023
	✓		<ul style="list-style-type: none"> • (ISC)² Certified Cloud Security Professional Common Body of Knowledge (CCSP CBK) Training Seminar 		12 – 16 Sep 2022 14 – 18 Nov 2022 6 – 10 Feb 2023
	✓		<ul style="list-style-type: none"> • (ISC)² Systems Security Certified Practitioner Common Body of Knowledge (SSCP CBK) Training Seminar 		3 – 7 Oct 2022 16 – 20 Oct 2023
	✓		<ul style="list-style-type: none"> • Exam Readiness: AWS Certified SysOps Administrator – Associate 		
	✓		<ul style="list-style-type: none"> • Containers for Deploying and Scaling Apps 		19 – 22 Dec 2022
	✓		<ul style="list-style-type: none"> • DevOps Engineering on AWS + DevOps JAM 		12 – 15 Sep 2022 28 Nov – 1 Dec 2022
	✓		<ul style="list-style-type: none"> • Google Associate Cloud Engineer 		
		✓	<ul style="list-style-type: none"> • ISTQB® Test Automation Engineer (CT-TAE) 		27 – 29 Mar 2023
		✓	<ul style="list-style-type: none"> • AZ-304 Microsoft Azure Architect Design 		
		✓	<ul style="list-style-type: none"> • Exam Readiness: AWS Certified DevOps Engineer – Professional 		16 Sep 2022 2 Dec 2022
		✓	<ul style="list-style-type: none"> • Exam Readiness: AWS Certified Security – Specialty 		16 Sep 2022 6 Dec 2022
	✓		<ul style="list-style-type: none"> • DevOps Foundation 		18 – 19 Aug 2022
	✓		<ul style="list-style-type: none"> • AZ-900 MS Azure Fundamentals 		2 Sep 2022 27 Oct 2022 25 Nov 2022 28 Dec 2022
	✓		<ul style="list-style-type: none"> • AWS Cloud Practitioner Essentials 		23 Sep 2022 25 Nov 2022
	✓		<ul style="list-style-type: none"> • AWS Technical Essentials 		21 Oct 2022 9 Dec 2022
	✓		<ul style="list-style-type: none"> • Google Cloud Fundamentals: Core Infrastructure 		
	✓		<ul style="list-style-type: none"> • Google Cloud Big Data and ML Fundamentals 		
	✓		<ul style="list-style-type: none"> • From Data to Insights with Google Cloud Platform 		
	✓		<ul style="list-style-type: none"> • Vulnerability Assessment 		12 – 13 Sep 2022
		✓	<ul style="list-style-type: none"> • Developing on AWS + Developing Jam 		17 – 20 Oct 2022 12 – 15 Dec 2022
		✓	<ul style="list-style-type: none"> • ISTQB – Agile Tester Extension Foundation Level Certification 		12 Jan 2023
		✓	<ul style="list-style-type: none"> • CompTIA Cloud+ 		14 – 18 Nov 2022
		✓	<ul style="list-style-type: none"> • ISTQB Certified Tester Foundation Level (CTFL) 		31 Oct – 2 Nov 2022 1 – 3 Feb 2023
		✓	<ul style="list-style-type: none"> • Architecting on AWS + Architecting JAM 		5 – 8 Sep 2022 11 – 14 Oct 2022 7 – 10 Nov 2022 5 – 8 Dec 2022
		✓	<ul style="list-style-type: none"> • Data Warehousing on AWS (DA – Step 4) 		19 – 21 Sep 2022 1 – 3 Nov 2022

INFRA ARCHITECT:
Design and maintain IT infrastructure architecture to ensure tight integration and interoperability across all infrastructure components.

	✓		<ul style="list-style-type: none"> Exam readiness: AWS Certified Data Analytics – Speciality 		18 Nov 2022
	✓		<ul style="list-style-type: none"> Systems Operations on AWS + SysOps JAM 		3 – 6 Oct 2022 5 – 8 Dec 2022
	✓		<ul style="list-style-type: none"> Automating Infrastructure Provisioning and Configuration 		27 – 29 Sep 2022 19 – 21 Dec 2022 13 – 15 Mar 2023
	✓		<ul style="list-style-type: none"> Advanced Architecting on AWS + Aarc JAM 		3 – 6 Oct 2022 12 – 15 Dec 2022
	✓		<ul style="list-style-type: none"> Exam Readiness: AWS Certified Solutions Architect – Associate Architect Associate 		
	✓		<ul style="list-style-type: none"> Building Data Lakes on AWS (DA/ML – Step 1) 		14 Nov 2022
	✓		<ul style="list-style-type: none"> Architecting with Google Compute Engine 		
	✓		<ul style="list-style-type: none"> Data Engineering on Google Cloud 		
	✓		<ul style="list-style-type: none"> Machine Learning on Google Cloud 		
	✓		<ul style="list-style-type: none"> Getting Started with Google Kubernetes Engine 		
	✓		<ul style="list-style-type: none"> Architecting with Google Cloud Design and Process 		
	✓		<ul style="list-style-type: none"> (ISC)² Certified Cloud Security Professional Common Body of Knowledge (CCSP CBK) Training Seminar 		12 – 16 Sep 2022 14 – 18 Nov 2022 6 – 10 Feb 2023
	✓		<ul style="list-style-type: none"> Containers for Deploying and Scaling Apps 		19 – 22 Dec 2022
	✓		<ul style="list-style-type: none"> (ISC)² Certified Information Systems Security Professional Common Body of Knowledge (CISSP CBK) Training Seminar 		27 – 31 Mar 2023
	✓		<ul style="list-style-type: none"> (ISC)² Systems Security Certified Practitioner Common Body of Knowledge (SSCP CBK) Training Seminar 		3 – 7 Oct 2022 16 – 20 Oct 2023
	✓		<ul style="list-style-type: none"> Big Data on AWS 		
		✓	<ul style="list-style-type: none"> ISTQB® Test Automation Engineer (CT-TAE) 		27 – 29 Mar 2023
		✓	<ul style="list-style-type: none"> AZ-305 Designing Microsoft Azure Infrastructure Solutions 		29 Aug – 1 Sep 2022 10 – 13 Oct 2022 5 – 8 Dec 2022
		✓	<ul style="list-style-type: none"> AZ-304 Microsoft Azure Architect Design 		
		✓	<ul style="list-style-type: none"> Certified Enterprise Architecture Practitioner Course 		12 – 28 Oct 2022
		✓	<ul style="list-style-type: none"> Exam Readiness: AWS Certified DevOps Engineer – Professional 		16 Sep 2022 2 Dec 2022
		✓	<ul style="list-style-type: none"> Exam Readiness: AWS Certified Security – Specialty 		16 Sep 2022 6 Dec 2022



App Infrastructure

STEP 1:

Choose your job role

STEP 2:

Choose to upskill from 3 course levels – Foundation, Intermediate, Advanced

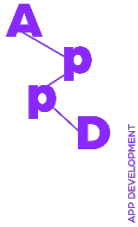
STEP 3:

Choose your course, click on the link to learn more and register. For courses denoted with ^ it's coming soon!

Job Roles	Foundation	Intermediat	Advanced	DA Courses	Cross – Cutting Areas	Schedule
APP INFRA ENGINEER: Design, implement, operate and maintain technologies and services connecting applications to infrastructure.	✓			<ul style="list-style-type: none"> AWS Cloud Practitioner Essentials 		23 Sep 2022 25 Nov 2022
	✓			<ul style="list-style-type: none"> AWS Technical Essentials 		21 Oct 2022 9 Dec 2022
	✓			<ul style="list-style-type: none"> Vulnerability Assessment 		12 – 13 Sep 2022
		✓		<ul style="list-style-type: none"> AZ-104 Microsoft Azure Administrator 		05 – 08 Sep 2022
		✓		<ul style="list-style-type: none"> Exam Readiness: AWS Certified SysOps Administrator – Associate 		
		✓		<ul style="list-style-type: none"> Systems Operations on AWS + SysOps JAM 		3 – 6 Oct 2022 5 – 8 Dec 2022
		✓		<ul style="list-style-type: none"> AZ-204 Microsoft Developing Solutions for Microsoft Azure by Trainocate 		10 – 14 Oct 2022 12 – 16 Dec 2022
		✓		<ul style="list-style-type: none"> DevOps Engineering on AWS + DevOps JAM 		12 – 15 Sep 2022 28 Nov – 1 Dec 2022
		✓		<ul style="list-style-type: none"> (ISC)² Certified Cloud Security Professional Common Body of Knowledge (CCSP CBK) Training Seminar 		12 – 16 Sep 2022 14 – 18 Nov 2022 6 – 10 Feb 2023
		✓		<ul style="list-style-type: none"> (ISC)² Systems Security Certified Practitioner Common Body of Knowledge (SSCP CBK) Training Seminar 		3 – 7 Oct 2022 16 – 20 Oct 2023
		✓		<ul style="list-style-type: none"> Developing on AWS + Developing Jam 		17 – 20 Oct 2022 12 – 15 Dec 2022
		✓		<ul style="list-style-type: none"> Containers for Deploying and Scaling Apps 		19 – 22 Dec 2022
			✓	<ul style="list-style-type: none"> Exam Readiness: AWS Certified DevOps Engineer – Professional 		16 Sep 2022 2 Dec 2022
			✓	<ul style="list-style-type: none"> Exam Readiness: AWS Certified Security – Specialty 		16 Sep 2022 6 Dec 2022
		✓	<ul style="list-style-type: none"> AZ-305 Designing Microsoft Azure Infrastructure Solutions 		10 – 13 Oct 2022 5 – 8 Dec 2022	
APP INFRA ARCHITECT: Design, maintain technologies and services connecting applications to	✓			<ul style="list-style-type: none"> Vulnerability Assessment 		12 – 13 Sep 2022
		✓		<ul style="list-style-type: none"> Architecting on AWS + Architecting JAM 		5 – 8 Sep 2022 11 – 14 Oct 2022 7 – 10 Nov 2022 5 – 8 Dec 2022
		✓		<ul style="list-style-type: none"> Advanced Architecting on AWS + Arc JAM 		3 – 6 Oct 2022 12 – 15 Dec 2022

infrastructure for integration and interoperability.	✓		<ul style="list-style-type: none"> • Developing on AWS + Developing Jam 	17 – 20 Oct 2022 12 – 15 Dec 2022
	✓		<ul style="list-style-type: none"> • Exam Readiness: AWS Certified Solutions Architect – Associate 	
	✓		<ul style="list-style-type: none"> • Data Warehousing on AWS (DA – Step 4) 	19 – 21 Sep 2022 1 – 3 Nov 2022
	✓		<ul style="list-style-type: none"> • Exam readiness: AWS Certified Data Analytics – Speciality 	18 Nov 2022
	✓		<ul style="list-style-type: none"> • (ISC)² Certified Cloud Security Professional Common Body of Knowledge (CCSP CBK) Training Seminar 	12 – 16 Sep 2022 14 – 18 Nov 2022 6 – 10 Feb 2023
	✓		<ul style="list-style-type: none"> • (ISC)² Systems Security Certified Practitioner Common Body of Knowledge (SSCP CBK) Training Seminar 	3 – 7 Oct 2022 16 – 20 Oct 2023
	✓		<ul style="list-style-type: none"> • Containers for Deploying and Scaling Apps 	19 – 22 Dec 2022
		✓	<ul style="list-style-type: none"> • Certified Enterprise Architecture Practitioner Course 	12 – 28 Oct 2022
		✓	<ul style="list-style-type: none"> • AZ-305 Designing Microsoft Azure Infrastructure Solutions 	10 – 13 Oct 2022 5 – 8 Dec 2022
		✓	<ul style="list-style-type: none"> • AZ-304 Microsoft Azure Architect Design 	
		✓	<ul style="list-style-type: none"> • Exam Readiness: AWS Certified Security – Speciality 	16 Sep 2022 6 Dec 2022
	APP INFRA MANAGER: Manage the application infrastructure requirements of the agency and ensure that the needs of the agency in these areas are met.	✓		<ul style="list-style-type: none"> • AWS Cloud Practitioner Essentials
✓			<ul style="list-style-type: none"> • AWS Technical Essentials 	21 Oct 2022 9 Dec 2022
✓			<ul style="list-style-type: none"> • Vulnerability Assessment 	12 – 13 Sep 2022
		✓	<ul style="list-style-type: none"> • Automating Infrastructure Provisioning and Configuration 	27 – 29 Sep 2022 19 – 21 Dec 2022 13 – 15 Mar 2023
		✓	<ul style="list-style-type: none"> • (ISC)² Certified Cloud Security Professional Common Body of Knowledge (CCSP CBK) Training Seminar 	12 – 16 Sep 2022 14 – 18 Nov 2022 6 – 10 Feb 2023
		✓	<ul style="list-style-type: none"> • (ISC)² Systems Security Certified Practitioner Common Body of Knowledge (SSCP CBK) Training Seminar 	3 – 7 Oct 2022 16 – 20 Oct 2023

[Go Back to Job Roles](#)



App Development

STEP 1:

Choose your job role

STEP 2:

Choose to upskill from 3 course levels – Foundation, Intermediate, Advanced

STEP 3:

Choose your course, click on the link to learn more and register. For courses denoted with ^ it's coming soon!

Job Roles	Foundation	Intermediate	Advanced	DA Courses	Cross – Cutting Areas	Schedule
SOFTWARE ENGINEER: Design, develop, test and deployment of software.	✓			<ul style="list-style-type: none"> DevOps Foundation 		
	✓			<ul style="list-style-type: none"> SEC401: Security Essentials Bootcamp Style 		
	✓			<ul style="list-style-type: none"> Certified Software Testing Professional (CSTP) 		19 – 23 Sep 2022
	✓			<ul style="list-style-type: none"> AWS Cloud Practitioner Essentials 		23 Sep 2022 25 Nov 2022
	✓			<ul style="list-style-type: none"> AWS Technical Essentials 		21 Oct 2022 09 Dec 2022
	✓			<ul style="list-style-type: none"> AZ-900 MS Azure Fundamentals 		2 Sep 2022 27 Oct 2022 25 Nov 2022 28 Dec 2022
	✓			<ul style="list-style-type: none"> Vulnerability Assessment 		12 – 13 Sep 2022
		✓		<ul style="list-style-type: none"> Developing on AWS + Developing Jam 		17 – 20 Oct 2022 12 – 15 Dec 2022
		✓		<ul style="list-style-type: none"> Secure Code Programme 		1-year subscription
		✓		<ul style="list-style-type: none"> Containers for Deploying and Scaling Apps 		19 – 22 Dec 2022 13 – 16 Mar 2023
		✓		<ul style="list-style-type: none"> Automating Infrastructure Provisioning and Configuration 		27 – 29 Sep 2022 19 – 21 Dec 2022
		✓		<ul style="list-style-type: none"> Web Analytics & SEO 		23 – 25 Nov 2022 14 – 16 Feb 2023
		✓		<ul style="list-style-type: none"> DevOps Engineering on AWS + DevOps JAM 		12 – 15 Sep 2022 28 Nov – 1 Dec 2022
		✓		<ul style="list-style-type: none"> (ISC)² Systems Security Certified Practitioner Common Body of Knowledge (SSCP CBK) Training Seminar 		3 – 7 Oct 2022 16 – 20 Oct 2023
		✓		<ul style="list-style-type: none"> (ISC)² Certified Information Systems Security Professional Common Body of Knowledge (CISSP CBK) Training Seminar 		27 – 31 Mar 2023
		✓		<ul style="list-style-type: none"> (ISC)² Certified Cloud Security Professional Common Body of Knowledge (CCSP CBK) Training Seminar 		12 – 16 Sep 2022 14 – 18 Nov 2022 6 – 10 Feb 2023
		✓		<ul style="list-style-type: none"> (ISC)² Certified Secure Software Lifecycle Professional Common Body of Knowledge (CSSLP CBK) Training Seminar 		6 – 10 Oct 2022 6 – 10 Mar 2023
		✓		<ul style="list-style-type: none"> AZ-204 Microsoft Developing Solutions for Microsoft Azure by Trainocate 		10 – 14 Oct 2022 12 – 16 Dec 2022

	✓		<ul style="list-style-type: none"> • Essential Practices for Agile Teams 			
		✓	<ul style="list-style-type: none"> • SEC642: Advanced Web App Penetration Testing, Ethical Hacking, and Exploitation Techniques 			
		✓	<ul style="list-style-type: none"> • Exam Readiness: AWS Certified DevOps Engineer – Professional 		16 Sep 2022 2 Dec 2022	
		✓	<ul style="list-style-type: none"> • Exam Readiness: AWS Certified Security – Specialty 		16 Sep 2022 6 Dec 2022	
<p>DEVOPS ENGINEER: Design, operate and maintain system infrastructure for application development and deployment, as well as improving communication and collaboration in organisation(s).</p>	✓		<ul style="list-style-type: none"> • DevOps Foundation 			
	✓		<ul style="list-style-type: none"> • AWS Technical Essentials 		21 Oct 2022 09 Dec 2022	
	✓		<ul style="list-style-type: none"> • AZ-900 MS Azure Fundamentals 		2 Sep 2022 27 Oct 2022 25 Nov 2022 28 Dec 2022	
	✓		<ul style="list-style-type: none"> • Vulnerability Assessment 		12 – 13 Sep 2022	
	✓		<ul style="list-style-type: none"> • AWS Cloud Practitioner Essentials 		23 Sep 2022 25 Nov 2022	
		✓	<ul style="list-style-type: none"> • Developing on AWS + Developing Jam 		17 – 20 Oct 2022 12 – 15 Dec 2022	
		✓	<ul style="list-style-type: none"> • Secure Code Programme 		1-year subscription	
		✓	<ul style="list-style-type: none"> • Containers for Deploying and Scaling Apps 		19 – 22 Dec 2022 13 – 16 Mar 2023	
		✓	<ul style="list-style-type: none"> • DevOps Engineering on AWS + DevOps JAM 		12 – 15 Sep 2022 28 Nov – 1 Dec 2022	
		✓	<ul style="list-style-type: none"> • Automating Infrastructure Provisioning and Configuration 		27 – 29 Sep 2022 19 – 21 Dec 2022	
		✓	<ul style="list-style-type: none"> • AZ-204 Microsoft Developing Solutions for Microsoft Azure by Trainocate 		10 – 14 Oct 2022 12 – 16 Dec 2022	
		✓	<ul style="list-style-type: none"> • DevOps Engineering on AWS + DevOps JAM 		12 – 15 Sep 2022 28 Nov – 1 Dec 2022	
		✓	<ul style="list-style-type: none"> • Essential Practices for Agile Teams 			
			✓	<ul style="list-style-type: none"> • Exam Readiness: AWS Certified DevOps Engineer – Professional 		16 Sep 2022 2 Dec 2022
			✓	<ul style="list-style-type: none"> • Exam Readiness: AWS Certified Security – Specialty 		16 Sep 2022 6 Dec 2022
<p>QUALITY ENGINEER: design solutions to meet user-centered requirements and to enhance user experience.</p>	✓		<ul style="list-style-type: none"> • SEC401: Security Essentials Bootcamp Style 			
	✓		<ul style="list-style-type: none"> • Certified Software Testing Professional (CSTP) 		19 – 23 Sep 2022	
	✓		<ul style="list-style-type: none"> • Vulnerability Assessment 		12 – 13 Sep 2022	
		✓	<ul style="list-style-type: none"> • ISTQB – Advanced Level Agile Technical Tester (CTAL-ATT) 		5 – 6 Jan 2023	
		✓	<ul style="list-style-type: none"> • ISTQB – Agile Tester Extension Foundation Level Certification 		12 Jan 2023	
		✓	<ul style="list-style-type: none"> • SEC542: Web App Penetration Testing and Ethical Hacking 			
		✓	<ul style="list-style-type: none"> • Secure Code Programme 		1-year subscription	
		✓	<ul style="list-style-type: none"> • ISTQB Certified Tester Foundation Level (CTFL) 		31 Oct – 2 Nov 2022 1 – 3 Feb 2023	
		✓	<ul style="list-style-type: none"> • Essential Practices for Agile Teams 			
			✓	<ul style="list-style-type: none"> • Exam Readiness: AWS Certified Security – Specialty 		16 Sep 2022 6 Dec 2022
			✓	<ul style="list-style-type: none"> • ISTQB® Test Automation Engineer (CT-TAE) 		27 – 29 Mar 2023

			✓	<ul style="list-style-type: none"> SEC642: Advanced Web App Penetration Testing, Ethical Hacking, and Exploitation Techniques 		
DELIVERY MANAGER: Evaluate and recommend software engineering practices that are aligned to agile methodologies.	✓			<ul style="list-style-type: none"> DevOps Foundation 		
	✓			<ul style="list-style-type: none"> Vulnerability Assessment 		12 – 13 Sep 2022
		✓		<ul style="list-style-type: none"> Certified Scrum Product Owner 	Agile	1-2 Dec 2022 (virtual)
		✓		<ul style="list-style-type: none"> Secure Code Programme 		1-year subscription
		✓		<ul style="list-style-type: none"> Agile Methodology Workshop^ 	Agile	
		✓		<ul style="list-style-type: none"> Automating Infrastructure Provisioning and Configuration 		27 – 29 Sep 2022 19 – 21 Dec 2022
UX DESIGNER: gather and analyse users' insight.		✓		<ul style="list-style-type: none"> Web Analytics & SEO 		23 – 25 Nov 2022 14 – 16 Feb 2023
		✓		<ul style="list-style-type: none"> Coaching Clinic for Service Design 	Service Design	
		✓		<ul style="list-style-type: none"> Service Design 	Service Design	06, 13, 14 Oct 2022
			✓	<ul style="list-style-type: none"> Digital User Experience Design 		07 – 09 Nov 2022 16 – 18 Jan 2023
			✓	<ul style="list-style-type: none"> Coaching Clinic for Digital User Experience Design 		

Go Back to Job Roles



App Management

STEP 1:

Choose your job role

STEP 2:

Choose to upskill from 3 course levels – Foundation, Intermediate, Advanced

STEP 3:

Choose your course, click on the link to learn more and register. For courses denoted with ^ it's coming soon!

Job Role	Foundation	Intermediate	Advanced	DA Courses	Cross – Cutting Areas	Schedule
<p>DIGITAL SERVICES MANAGER Lead and manage the delivery and operations of digital services, including ICT governance and stakeholder engagement to achieve digital services transformation for the agency.</p>	✓			Design Thinking Hands-on Course	Design Thinking	
	✓			Data Analytics for IT Professionals		8 – 9 Sep 2022 10 – 11 Nov 2022
	✓			Data Technology & Management for IT Professionals		20 – 21 Oct 2022 12 – 13 Dec 2022
	✓			CM Essentials – Manage Change in Digitalization Projects^		
	✓			Agile Fundamentals	Agile	15 – 16 Sep 2022
	✓			Certified Scrum Product Owner	Agile	1 – 2 Dec 2022 (virtual)
	✓			Certified ScrumMaster		5 – 6 Sep 2022 12 – 13 Dec 2022
	✓			Certified ScrumMaster + Certified LeSS Basic Class (CSM + CLB)		
	✓			Business Analysis for Agile Practitioners		3 – 4 Oct 2022 5 – 6 Jan 2023
	✓			Certified ScrumMaster + Certified LeSS Basic Class (CSM + CLB)^		
	✓			Hands-on Training for Agile Project Management & Scoping^		
			✓	Certified ScrumMaster		12 – 13 Dec 2022
			✓	Evaluating Software Architecture		07 – 08 Nov 2022 6 – 7 Feb 2023
			✓	Service Design	Service Design	6 – 14 Oct 2022 6 – 13 Jan 2023
			✓	Coaching Clinic for Service Design	Service Design	
			✓	Operations Management Essentials For Applications Services		2 – 3 Nov 2022 8 – 9 Feb 2023
			✓	Certified LeSS Practitioner^		
			✓	Data-In-Action Workshop^		
			✓	Data Analytics Through Visualization-In-Action Workshop^		
		✓		Agile Fundamentals	Agile	15 – 16 Sep 2022
		✓		AWS Cloud Practitioner Essentials		23 Sep 2022 25 Nov 2022
		✓		AWS Technical Essentials		21 Oct 2022 09 Dec 2022
		✓		AZ-900 MS Azure Fundamentals		27 Oct 2022 25 Nov 2022 28 Dec 2022
	✓		Certified Scrum Product Owner	Agile	1 – 2 Dec 2022 (virtual)	

✓			Data Analytics for IT Professionals		8 – 9 Sep 2022 10 – 11 Nov 2022
✓			Data Technology & Management for IT Professionals		20 – 21 Oct 2022 12 – 13 Dec 2022
✓			Data Wrangling, Analysis and Visualisation		19 – 21 Oct 2022 23 – 25 Nov 2022 21 – 23 Dec 2022
✓			Design Thinking Hands-on Course	Design Thinking	
✓			IM8 Proficiency Development Programme – Fundamentals (Part 1)		Available on CSC Learn
✓			Data Wrangling, Analysis and Visualisation		19 – 21 Oct 2022 23 – 25 Nov 2022 21 – 23 Dec 2022
	✓		Data Champion Bootcamp (CORE)^		
	✓		Agile Methodology Workshop^	Agile	
	✓		AZ Microsoft Azure Administrator AZ-104		5 – 8 Sep 2022
	✓		AZ-500 Microsoft Azure Security Technologies by Trainocate		10 – 13 Oct 2022 12 – 15 Dec 2022
	✓		Big Data on AWS		
	✓		Data Champion Bootcamp (CORE)^		
	✓		Data Warehousing on AWS (DA – Step 4)		19 – 21 Sep 2022 1 – 3 Nov 2022
	✓		DevOps Engineering on AWS + DevOps JAM		12 – 15 Sep 2022 28 Nov – 1 Dec 2022
	✓		Evaluating Software Architecture		07 – 08 Nov 2022
	✓		Exam Readiness: AWS Certified SysOps Administrator – Associate		
		✓	Exam Readiness: AWS Certified Solutions Architect – Professional		1 Sep 2022 16 Dec 2022

DIGITAL BUSINESS ANALYST

Elicit business needs, analyse business problems in order to scope, define and deploy digital solutions to address the needs of citizens, businesses and/or public officers.

✓			BCG PowerUp – Consulting Primer for DBAs		
✓			Design Thinking Hands-on Course	Design Thinking	
✓			Data Analytics for IT Professionals		8 – 9 Sep 2022 10 – 11 Nov 2022
✓			Data Technology & Management for IT Professionals		20 – 21 Oct 2022 12 – 13 Dec 2022
✓			CM Essentials – Manage Change in Digitalization Projects		
✓			Business Analysis for Agile Practitioners		3 – 4 Oct 2022 5 – 6 Jan 2023
✓			Certified ScrumMaster + Certified LeSS Basic Class (CSM + CLB)^		
✓			LeSS in Action (Certified Scrum Developer)^		
✓			Enhanced Project Development Methodology		1 Dec 2022 9 Mar 2023
✓			Agile Fundamentals	Agile	15 – 16 Sep 2022
✓			AWS Cloud Practitioner Essentials		23 Sep 2022 25 Nov 2022
✓			AWS Technical Essentials		21 Oct 2022 09 Dec 2022
✓			AZ-900 MS Azure Fundamentals		2 Sep 2022 27 Oct 2022 25 Nov 2022 28 Dec 2022
✓			Certified Scrum Product Owner	Agile	1 – 2 Dec 2022 (virtual)

✓			Certified ScrumMaster (Online) by Bas Vodde		
✓			Data Wrangling, Analysis and Visualisation		19 – 21 Oct 2022 23 – 25 Nov 2022 21 – 23 Dec 2022
✓			Vulnerability Assessment		12 – 13 Sep 2022
	✓		Certified ScrumMaster		12 – 13 Dec 2022
	✓		Evaluating Software Architecture		7 – 8 Nov 2022 6 – 7 Feb 2023
	✓		Service Design	Service Design	6 – 14 Oct 2022 6 – 13 Jan 2023
	✓		Coaching Clinic for Service Design	Service Design	
	✓		Certified LeSS Practitioner^		
	✓		Data-In-Action Workshop^		
	✓		Digital Business Analysis^		
	✓		ISTQB Certified Tester Performance Testing (CT-PT)		23 – 24 Mar 2023
	✓		ASTQB Mobile Tester Certification		2 – 3 Mar 2023
	✓		Data Analytics Through Visualization		
	✓		Agile Methodology Workshop^	Agile	
	✓		AZ Microsoft Azure Administrator AZ-104		5 – 8 Sep 2022
	✓		AZ-500 Microsoft Azure Security Technologies by Trainocate		10 – 13 Oct 2022 12 – 15 Dec 2022
	✓		Big Data on AWS		
	✓		Certified LeSS Practitioner By Bas Vodde		
	✓		Certified LeSS Practitioner By Viktor Grgic		
	✓		Data-In-Action Workshop^		
	✓		Data Champion Bootcamp (CORE)^		
	✓		Data Warehousing on AWS (DA – Step 4)		19 – 21 Sep 2022 1 – 3 Nov 2022
	✓		DevOps Engineering on AWS + DevOps JAM		12 – 15 Sep 2022 28 Nov – 1 Dec 2022
	✓		Exam Readiness: AWS Certified Solutions Architect - Associate		
	✓		ISTQB - Performance Testing^		
		✓	BCS/ISTQB - Certified Tester Expert Level (Test Management)^		
		✓	Exam Readiness: AWS Certified Solutions Architect - Professional		16 De 2022

SOLUTION ARCHITECT:

Design end-to-end architecture for a system and ensures the detailed design and development is aligned with the enterprise architecture.

✓			Vulnerability Assessment		12 – 13 Sep 2022
	✓		Developing on AWS + Developing Jam		17 – 20 Oct 2022 12 – 15 Dec 2022
	✓		Evaluating Software Architecture		07 – 08 Nov 2022 6 – 7 Feb 2023
	✓		Data Analytics Through Visualization		
	✓		AZ Microsoft Azure Administrator AZ-104		5 – 8 Sep 2022
	✓		AZ-204 Microsoft Developing Solutions for Microsoft Azure by Trainocate		10 – 14 Oct 2022 12 – 16 Dec 2022
	✓		AZ-500 Microsoft Azure Security Technologies by Trainocate		10 – 13 Oct 2022 12 – 15 Dec 2022
	✓		Big Data on AWS^		

		✓		Data Warehousing on AWS (DA – Step 4)		19 – 21 Sep 2022 1 – 3 Nov 2022
		✓		DevOps Engineering on AWS + DevOps JAM		12 – 15 Sep 2022 28 Nov – 1 Dec 2022
		✓		Exam Readiness: AWS Certified Solutions Architect – Associate		
		✓		Exam Readiness: AWS Certified SysOps Administrator – Associate		
			✓	Exam Readiness: AWS Certified Security – Specialty		16 Sep 2022 6 Dec 2022
			✓	Exam Readiness: AWS Certified Solutions Architect – Professional		16 Dec 2022
<p>PROJECT MANAGER (AGILE): Ensure that projects are delivered on time, within budget, meet business requirements and comply with IT governance framework, including security and resilience.</p>	✓			Design Thinking Hands-on Course	Design Thinking	
	✓			Data Analytics for IT Professionals		8 – 9 Sep 2022 10 – 11 Nov 2022
	✓			Data Technology & Management for IT Professionals		20 – 21 Oct 2022 12 – 13 Dec 2022
	✓			CM Essentials – Manage Change in Digitalization Projects		
	✓			Business Analysis for Agile Practitioners		3 – 4 Oct 2022 5 – 6 Jan 2023
	✓			Agile Fundamentals	Agile	15 – 16 Sep 2022
	✓			Procurement e-Learning 1.1^		
	✓			Certified ScrumMaster + Certified LeSS Basic Class (CSM + CLB)^		
	✓			Enhanced Product Development Methodology		16 Sep 2022 1 Dec 2022 9 Mar 2023
	✓			Hands-On Training for Agile Project Management & Scoping^		
	✓			Certified Scrum Product Owner	Agile	1 – 2 Dec 2022 (virtual)
	✓			Certified ScrumMaster (Online) by Bas Vodde^		
	✓			CM Essentials – Manage Change in Digitalisation Projects^		
	✓			Vulnerability Assessment		12 – 13 Sep 2022
		✓		Certified ScrumMaster		12 – 13 Dec 2022
		✓		Service Design	Service Design	6 – 14 Oct 2022 6 – 13 Jan 2023
		✓		Coaching Clinic for Service Design	Service Design	
		✓		Operations Management Essentials For Applications Services		2 –3 Nov 2022 8–9 Feb 2023
		✓		Certified LeSS Practitioner By Bas Vodde^		
		✓		Certified LeSS Practitioner By Viktor Grgic^		
	✓		Data Analytics Through Visualization			
	✓		Agile Methodology Workshop^	Agile		
	✓		Managing Business Analytics Projects		23 – 25 Nov 2022 21 – 23 Feb 2023	

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Tech Management

STEP 1:

Choose your job role

STEP 2:

Choose to upskill from 3 course levels – Foundation, Intermediate, Advanced

STEP 3:

Choose your course, click on the link to learn more and register. For courses denoted with ^ it's coming soon!

Job Role	Foundation	Intermediate	Advanced	DA Courses	Cross – Cutting Areas	Schedule
CHIEF INFORMATION OFFICER: Lead overall digital transformation vision and strategy with the Agency's vision, with particular emphasis on strategic planning, information security and resilience.	✓			CM Essentials – Manage Change in Digitalisation Projects^		
			✓	Business Acceleration Competency Development for CIO and Tech Leaders^		
			✓	CIO Milestone Programme		

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Product Management

STEP 1:

Choose your job role

STEP 2:

Choose to upskill from 3 course levels – Foundation, Intermediate, Advanced

STEP 3:

Choose your course, click on the link to learn more and register. For courses denoted with ^ it's coming soon!

Job Role	Foundation	Intermediate	Advanced	DA Courses	Cross – Cutting Areas	Schedule
ENGAGEMENT MANAGER: Drive government agencies and industry adoption of the product through an understanding of the value of the product and the context/domain in which the product is to be implemented.		✓		<ul style="list-style-type: none"> Strategic Product Market Fit 		16 – 18 Nov 2022 20 – 22 Feb 2023
			✓	<ul style="list-style-type: none"> Graduate Certificate in Designing and Managing Products and Platforms – Practice Module 		1 – 21 Nov 2022
			✓	<ul style="list-style-type: none"> Digital Product Strategy 		05 – 29 Sep 2022 02 – 22 Dec 2022 3 – 24 Mar 2023
			✓	<ul style="list-style-type: none"> Architecting Platforms as a Business 		03 – 24 Nov 2022
PRODUCT MANAGER: Plan the full product lifecycle, from market/user research to identify product positioning within the market in which it operates.	✓			<ul style="list-style-type: none"> Digital Product Management Bootcamp 		5 Oct 2022 9 Jan 2023
		✓		<ul style="list-style-type: none"> Product Thinking for Organisation 		10 – 11 Oct 2022 10 – 11 Jan 2023
		✓		<ul style="list-style-type: none"> Managing Digital Products 		20 – 23 Sep 2022 5 – 8 Dec 2022 6 – 9 Mar 2023
		✓		<ul style="list-style-type: none"> Strategic Product Market Fit 		16 – 18 Nov 2022 20 – 22 Feb 2023
		✓		<ul style="list-style-type: none"> Managing Business Analytics Projects 		23 – 25 Nov 2022 21 – 23 Feb 2023
			✓	<ul style="list-style-type: none"> Graduate Certificate in Designing and Managing Products and Platforms – Practice Module 		1 – 21 Nov 2022
			✓	<ul style="list-style-type: none"> Digital Product Strategy 		05 – 29 Sep 2022 02 – 22 Dec 2022 3 – 24 Mar 2023
			✓	<ul style="list-style-type: none"> Architecting Platforms as a Business 		03 – 24 Nov 2022

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Data Science & AI

STEP 1:

Choose your job role

STEP 2:

Choose to upskill from 3 course levels – Foundation, Intermediate, Advanced

STEP 3:

Choose your course, click on the link to learn more and register. For courses denoted with ^ it's coming soon!

Job Role	Foundation	Intermediate	Advanced	DA Courses	Cross – Cutting Areas	Schedule
QUANTITATIVE ANALYST: Enhance government policies and operations through strategic data science projects with government agencies	✓			<ul style="list-style-type: none"> Data Wrangling, Analysis and Visualisation 		19 – 21 Oct 2022 23 – 25 Nov 2022 21 – 23 Dec 2022
	✓			<ul style="list-style-type: none"> Data Storytelling 		21 – 23 Nov 2022 24 – 28 Feb 2023
		✓		<ul style="list-style-type: none"> Data Champions Bootcamp (Core)^ 		
		✓		<ul style="list-style-type: none"> Data in Action Workshop^ 		
				<ul style="list-style-type: none"> Data Science Immersive 		26 Nov 2022 – 17 Jun 2023
COMPUTATIONAL SCIENTIST: Solve complex predictive and prescriptive analytics problems using a wide range of algorithms and machine learning techniques.	✓			<ul style="list-style-type: none"> An Introduction to Code-Free Machine Learning 		22 Sep 2022 17 Nov 2022
	✓			<ul style="list-style-type: none"> Introduction to AI and Machine Learning 		7 Sep 2022
DATA ENGINEER: Engineer data pipelines for analysis work and architecting of distributed, big data systems	✓			<ul style="list-style-type: none"> Data Analytics for IT Professionals 		8 – 9 Sep 2022 10 – 11 Nov 2022
	✓			<ul style="list-style-type: none"> Data Technology & Management for IT Professionals 		20 – 21 Oct 2022 12 – 13 Dec 2022
	✓			<ul style="list-style-type: none"> Data Storytelling 		21 – 23 Nov 2022 24 – 28 Feb 2023
	✓			<ul style="list-style-type: none"> Google Cloud Big Data and ML Fundamentals 		
	✓			<ul style="list-style-type: none"> From Data to Insights with Google Cloud Platform 		
		✓		<ul style="list-style-type: none"> Data in Action Workshop^ 		
		✓		<ul style="list-style-type: none"> Data Engineering on Google Cloud 		
		✓		<ul style="list-style-type: none"> Machine Learning on Google Cloud 		
		✓		<ul style="list-style-type: none"> Big Data on AWS 		
			✓	<ul style="list-style-type: none"> (ISC)² Certified Information Systems Security Professional Common Body of Knowledge (CISSP CBK) Training Seminar 		27 – 31 Mar 2023
		✓	<ul style="list-style-type: none"> (ISC)² Certified Secure Software Lifecycle Professional Common 		6 – 10 Oct 2022 6 – 10 Mar 2023	

				Body of Knowledge (CSSLP CBK) Training Seminar			
	✓			<ul style="list-style-type: none"> (ISC)² Systems Security Certified Practitioner Common Body of Knowledge (SSCP CBK) Training Seminar 		3 – 7 Oct 2022 16 – 20 Oct 2023	
	✓			<ul style="list-style-type: none"> Data Warehousing on AWS (DA – Step 4) 		19 – 21 Sep 2022 1 – 3 Nov 2022	
	✓			<ul style="list-style-type: none"> Exam readiness: AWS Certified Data Analytics – Speciality 		18 Nov 2022	
AI ENGINEER: Develop production quality applications and products with embedded AI or machine learning algorithms.	✓			<ul style="list-style-type: none"> Data Technology & Management for IT Professionals 		20 – 21 Oct 2022 12 – 13 Dec 2022	
	✓			<ul style="list-style-type: none"> An Introduction to Code-Free Machine Learning 		22 Sep 2022 17 Nov 2022	
	✓			<ul style="list-style-type: none"> Introduction to AI and Machine Learning 		7 Sep 2022	
	✓			<ul style="list-style-type: none"> Google Cloud Big Data and ML Fundamentals 			
	✓			<ul style="list-style-type: none"> From Data to Insights with Google Cloud Platform 			
		✓			<ul style="list-style-type: none"> Data Engineering on Google Cloud 		
		✓			<ul style="list-style-type: none"> Machine Learning on Google Cloud 		

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Modelling and Simulations

STEP 1:

Choose your job role

STEP 2:

Choose to upskill from 3 course levels – Foundation, Intermediate, Advanced

STEP 3:

Choose your course, click on the link to learn more and register. For courses denoted with ^ it's coming soon!

Job Role	Foundation	Intermediate	Advanced	DA Courses	Cross – Cutting Areas	Schedule
GEOSPATIAL INFO SYS ARCHITECT: Deliver geospatial consulting services, app development and architecting geospatial systems and solutions.	✓			<ul style="list-style-type: none"> UML and Object Oriented Design Foundation 		
	✓			<ul style="list-style-type: none"> From Pointcloud to Models 		8 – 9 Sep 2022
	✓			<ul style="list-style-type: none"> From Scans to Deliverables 		
	✓			<ul style="list-style-type: none"> Geospatial 101 		
	✓			<ul style="list-style-type: none"> Introduction to Web Development Using ArcGIS API for JavaScript 		
	✓			<ul style="list-style-type: none"> Exploring Virtual Reality & Augmented Reality (Basic) 		9 Sep 2022 19 Dec 2022
	✓			<ul style="list-style-type: none"> Simulation and Modelling of Natural Processes 		
		✓		<ul style="list-style-type: none"> ArcGIS for Server: Site Configuration and Administration 		
			✓	<ul style="list-style-type: none"> Information Visualization: Advanced Techniques 		
MODELLING & SIMULATION ENGINEER: Develop, architect and integrate built environment simulations.	✓			<ul style="list-style-type: none"> UML and Object Oriented Design Foundation 		
	✓			<ul style="list-style-type: none"> From Pointcloud to Models 		8 – 9 Sep 2022
	✓			<ul style="list-style-type: none"> From Scans to Deliverables 		26 Aug 2022
	✓			<ul style="list-style-type: none"> Geospatial 101 		
	✓			<ul style="list-style-type: none"> Introduction to Web Development Using ArcGIS API for JavaScript 		
	✓			<ul style="list-style-type: none"> Exploring Virtual Reality & Augmented Reality (Basic) 		9 Sep 2022 19 Dec 2022
	✓			<ul style="list-style-type: none"> Simulation and Modelling of Natural Processes 		
		✓		<ul style="list-style-type: none"> ArcGIS for Server: Site Configuration and Administration 		
			✓	<ul style="list-style-type: none"> Information Visualization: Advanced Techniques 		
INTERACTIVE DIGITAL MEDIA (AV/VR) ENGINEER:	✓			<ul style="list-style-type: none"> UML and Object Oriented Design Foundation 		
	✓			<ul style="list-style-type: none"> From Pointcloud to Models 		8 – 9 Sep 2022
	✓			<ul style="list-style-type: none"> From Scans to Deliverables 		
	✓			<ul style="list-style-type: none"> Geospatial 101 		

Deliver immersive experience to enable visualisation and multi-user remote collaboration environment.	✓			• Introduction to Web Development Using ArcGIS API for JavaScript		
	✓			• Exploring Virtual Reality & Augmented Reality (Basic)		9 Sep 2022 19 Dec 2022
	✓			• Simulation and Modelling of Natural Processes		
		✓		• ArcGIS for Server: Site Configuration and Administration		
		✓		• Information Visualization: Advanced Techniques		

Go Back to Job Roles



Cybersecurity

STEP 1:

Choose your job role

STEP 2:

Choose to upskill from 3 course levels – Foundation, Intermediate, Advanced

STEP 3:

Choose your course, click on the link to learn more and register. For courses denoted with ^ it's coming soon!

Job Role	Foundation	Intermediate	Advanced	DA Courses	Cross – Cutting Areas	Schedule
CHIEF INFORMATION SECURITY OFFICER Elevate cybersecurity posture across agencies through governance and security consulting services.	✓			<ul style="list-style-type: none"> Security Risk Management Methodology and Security-By-Design^ 		
	✓			<ul style="list-style-type: none"> Vulnerability Assessment 		12 – 13 Sep 2022
	✓			<ul style="list-style-type: none"> Hunt Mission Workshop (IR) 		19 Sep 2022
	✓			<ul style="list-style-type: none"> Introduction to Threat Intelligence and Attribution 		12 – 13 Sep 2022
	✓			<ul style="list-style-type: none"> Fundamentals of ICS Security 		3 – 5 Oct 2022
			✓	<ul style="list-style-type: none"> (ISC)² Systems Security Certified Practitioner Common Body of Knowledge (SSCP CBK) Training Seminar 		3 – 7 Oct 2022 16 – 20 Oct 2023
			✓	<ul style="list-style-type: none"> (ISC)² Certified Information Systems Security Professional Common Body of Knowledge (CISSP CBK) Training Seminar 		27 – 31 Mar 2023
			✓	<ul style="list-style-type: none"> (ISC)² Certified Cloud Security Professional Common Body of Knowledge (CCSP CBK) Training Seminar 		12 – 16 Sep 2022 14 – 18 Nov 2022 6 – 10 Feb 2023
			✓	<ul style="list-style-type: none"> (ISC)² Certified Secure Software Lifecycle Professional Common Body of Knowledge (CSSLP CBK) Training Seminar 		6 – 10 Oct 2022 6 – 10 Mar 2023
			✓	<ul style="list-style-type: none"> Essentials of Malware Analysis (Forensics) 		31 Oct – 3 Nov 2022
			✓	<ul style="list-style-type: none"> Windows Enterprise Incident Response 		5 – 8 Sep 2022
			✓	<ul style="list-style-type: none"> (ISC)² Systems Security Certified Practitioner Common Body of Knowledge (SSCP CBK) Training Seminar 		3 – 7 Oct 2022 16 – 20 Oct 2023
		✓	<ul style="list-style-type: none"> Cyber Threat Hunting Workshop (IR) 			
CYBERSECURITY ENGINEER: Strengthen Government's cybersecurity posture against cyber threats – security consultancy, incident response and	✓			<ul style="list-style-type: none"> Security Risk Management Methodology and Security-By-Design^ 		
	✓			<ul style="list-style-type: none"> Incident Response Management^ 		
	✓			<ul style="list-style-type: none"> Vulnerability Assessment 		12 – 13 Sep 2022
	✓			<ul style="list-style-type: none"> Attacking and Defending Active Directory Lab (Cyber Range)^ 		
	✓			<ul style="list-style-type: none"> Hunt Mission Workshop (IR) 		19 Sep 2022

analysis, threat hunting and security operations.	✓			• Introduction to Threat Intelligence and Attribution		12 – 13 Sep 2022
	✓			• Fundamentals of ICS Security		3 – 5 Oct 2022
	✓			• Security and the Software Development Lifecycle		10 – 12 Oct 2022
	✓			• SEC401: Security Essentials Bootcamp Style^		
		✓		• Secure Code Programme		1-year subscription
			✓	• (ISC)² Systems Security Certified Practitioner Common Body of Knowledge (SSCP CBK) Training Seminar		3 – 7 Oct 2022 16 – 20 Oct 2023
			✓	• (ISC)² Certified Information Systems Security Professional Common Body of Knowledge (CISSP CBK) Training Seminar		27 – 31 Mar 2023
			✓	• (ISC)² Certified Cloud Security Professional Common Body of Knowledge (CCSP CBK) Training Seminar		12 – 16 Sep 2022 14 – 18 Nov 2022 6 – 10 Feb 2023
			✓	• (ISC)² Certified Secure Software Lifecycle Professional Common Body of Knowledge (CSSLP CBK) Training Seminar		6 – 10 Oct 2022 6 – 10 Mar 2023
			✓	• Essentials of Malware Analysis (Forensics)		31 Oct – 3 Nov 2022
			✓	• Windows Enterprise Incident Response		5 – 8 Sep 2022
			✓	• AZ-500 Microsoft Azure Security Technologies by Trainocate		10 – 13 Oct 2022 12 – 15 Dec 2022
			✓	• Cyber Threat Hunting Workshop (IR)		
			✓	• SEC542: Web App Penetration Testing and Ethical Hacking^		
			✓	• Secure Code Programme		1-year subscription
			✓	• Security Engineering on AWS		
			✓	• AttackDefense Labs + Video Courses Library^		
			✓	• Exam Readiness: AWS Certified Security – Specialty		16 Sep 2022 6 Dec 2022
			✓	• Kaspersky Advanced Malware Analysis & Reverse Engineering Training^		
			✓	• SEC642: Advanced Web App Penetration Testing, Ethical Hacking, and Exploitation Techniques		

CYBERSECURITY POLICY DEVELOPER: Formulate effective cybersecurity strategies, implement policies, standards and guidelines that support the Government digitalisation goals.	✓			• Security Risk Management Methodology and Security-By-Design^		
	✓			• Incident Response Management^		
	✓			• Vulnerability Assessment		12 – 13 Sep 2022
	✓			• Attacking and Defending Active Directory Lab (Cyber Range)^		
	✓			• SEC401: Security Essentials Bootcamp Style		
		✓		• Secure Code Programme		1-year subscription
			✓	• (ISC)² Systems Security Certified Practitioner Common Body of Knowledge (SSCP CBK) Training Seminar		3 – 7 Oct 2022 16 – 20 Oct 2023

	✓		<ul style="list-style-type: none"> • (ISC)² Certified Information Systems Security Professional Common Body of Knowledge (CISSP CBK) Training Seminar 		27 – 31 Mar 2023
	✓		<ul style="list-style-type: none"> • (ISC)² Certified Cloud Security Professional Common Body of Knowledge (CCSP CBK) Training Seminar 		12 – 16 Sep 2022 14 – 18 Nov 2022 6 – 10 Feb 2023
	✓		<ul style="list-style-type: none"> • (ISC)² Certified Secure Software Lifecycle Professional Common Body of Knowledge (CSSLP CBK) Training Seminar 		6 – 10 Oct 2022 6 – 10 Mar 2023
	✓		<ul style="list-style-type: none"> • AZ-500 Microsoft Azure Security Technologies by Trainocate 		10 – 13 Oct 2022 12 – 15 Dec 2022
	✓		<ul style="list-style-type: none"> • Security Engineering on AWS^ 		
		✓	<ul style="list-style-type: none"> • AttackDefense Labs + Video Courses Library^ 		
		✓	<ul style="list-style-type: none"> • Kaspersky Advanced Malware Analysis & Reverse Engineering Training^ 		
RED TEAM ENGINEER: Apply adversarial tactics to identify security weaknesses and build defense capabilities against it.	✓		<ul style="list-style-type: none"> • Security Risk Management Methodology and Security-By-Design 		
	✓		<ul style="list-style-type: none"> • Incident Response Management^ 		
	✓		<ul style="list-style-type: none"> • Vulnerability Assessment 		12 – 13 Sep 2022
	✓		<ul style="list-style-type: none"> • Attacking and Defending Active Directory Lab (Cyber Range)^ 		
	✓		<ul style="list-style-type: none"> • Fundamentals of ICS Security 		3 – 5 Oct 2022
	✓		<ul style="list-style-type: none"> • Creative Red Teaming 		26 – 30 Sep 2022
	✓		<ul style="list-style-type: none"> • SEC401: Security Essentials Bootcamp Style^ 		
		✓	<ul style="list-style-type: none"> • Secure Code Programme 		1-year subscription
		✓	<ul style="list-style-type: none"> • (ISC)² Systems Security Certified Practitioner Common Body of Knowledge (SSCP CBK) Training Seminar 		3 – 7 Oct 2022 16 – 20 Oct 2023
		✓	<ul style="list-style-type: none"> • (ISC)² Certified Information Systems Security Professional Common Body of Knowledge (CISSP CBK) Training Seminar 		27 – 31 Mar 2023
		✓	<ul style="list-style-type: none"> • (ISC)² Certified Cloud Security Professional Common Body of Knowledge (CCSP CBK) Training Seminar 		12 – 16 Sep 2022 14 – 18 Nov 2022 6 – 10 Feb 2023
		✓	<ul style="list-style-type: none"> • (ISC)² Certified Secure Software Lifecycle Professional Common Body of Knowledge (CSSLP CBK) Training Seminar 		6 – 10 Oct 2022 6 – 10 Mar 2023
		✓	<ul style="list-style-type: none"> • AZ-500 Microsoft Azure Security Technologies by Trainocate 		10 – 13 Oct 2022 12 – 15 Dec 2022
		✓	<ul style="list-style-type: none"> • SEC542: Web App Penetration Testing and Ethical Hacking^ 		
		✓	<ul style="list-style-type: none"> • Security Engineering on AWS^ 		
			✓	<ul style="list-style-type: none"> • AttackDefense Labs + Video Courses Library^ 	
		✓	<ul style="list-style-type: none"> • Kaspersky Advanced Malware Analysis & Reverse Engineering Training^ 		
		✓	<ul style="list-style-type: none"> • SEC642: Advanced Web App Penetration Testing, Ethical Hacking, and Exploitation Techniques^ 		

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Public Service Leaders & Officers

STEP 1:

Choose your role

STEP 2:

Choose to upskill from 3 course levels –
Foundation, Intermediate, Advanced

STEP 3:

Choose your course, click on the link to learn more and register. For courses denoted with ^ it's coming soon!

Job Role	Foundation	Intermediate	Advanced	DA Courses	Cross – Cutting Areas	Schedule
PUBLIC SERVICE LEADERS: As non-tech leaders, lead and influence digital transformation in your agencies.			✓	<ul style="list-style-type: none"> Leading Digital Transformation in Government (for Directors) 		By invite only
PUBLIC SERVICE OFFICERS: As non-tech officers, work more efficiently to create greater impact in transforming and designing seamless solutions for citizens and businesses.	✓			<ul style="list-style-type: none"> Certified ScrumMaster 		12 – 13 Dec 2022
	✓			<ul style="list-style-type: none"> Agile Fundamentals 		15 – 16 Sep 2022
	✓			<ul style="list-style-type: none"> Introduction to Cyber Crime for Executives 		
	✓			<ul style="list-style-type: none"> Responsible AI Principles and Practices 		
	✓			<ul style="list-style-type: none"> Exploring Virtual Reality & Augmented Reality (Basic) 		9 Sep 2022 19 Dec 2022
	✓			<ul style="list-style-type: none"> [Virtual Classroom] Introduction to Web Analytics 		
	✓			<ul style="list-style-type: none"> Data Storytelling 		21 – 23 Nov 2022 24 – 28 Feb 2023
	✓			<ul style="list-style-type: none"> Data Wrangling, Analysis and Visualisation 		19 – 21 Oct 2022 23 – 25 Nov 2022 21 – 23 Dec 2022
	✓			<ul style="list-style-type: none"> Data Literacy e-Primer 		Available on CSC Learn
	✓			<ul style="list-style-type: none"> Digital Product Management Bootcamp 		5 Oct 2022 9 Jan 2023
	✓			<ul style="list-style-type: none"> IM8 Proficiency Development Programme – Fundamentals (Part 1) 		Available on CSC Learn
	✓			<ul style="list-style-type: none"> Certified ScrumMaster + Certified LeSS Basic Class (CSM + CLB)^ 		
	✓			<ul style="list-style-type: none"> Service Design Overview Course 	Service Design	

	✓		<ul style="list-style-type: none"> • Giving a Voice to Your Data – From Spreadsheet to Data Storytelling 		
	✓		<ul style="list-style-type: none"> • From Data to Visualisation 		19 – 21 Sep 2022
	✓		<ul style="list-style-type: none"> • Fundamentals of Data Wrangling, Analysis & Visualisations 		15 – 20 Sep 2022 11 – 14 Oct 2022 3 – 8 Nov 2022 13 – 16 Dec 2022
	✓		<ul style="list-style-type: none"> • Analytics for Enterprises 		12 – 13 Sep 2022 19 – 20 Sep 2022
	✓		<ul style="list-style-type: none"> • Data Visualisation for Effective Communication^ 		
	✓		<ul style="list-style-type: none"> • Effective Course Facilitation 		
		✓	<ul style="list-style-type: none"> • Certified Scrum Product Owner 	Agile	1-2 Dec 2022 (virtual)
		✓	<ul style="list-style-type: none"> • Data Analytics, Visualisations & Predictive Analytics^ 		
		✓	<ul style="list-style-type: none"> • Data Champion Bootcamp (Blended)^ 		
		✓	<ul style="list-style-type: none"> • Data Champions Bootcamp (Core)^ 		
		✓	<ul style="list-style-type: none"> • Data Champion Bootcamp (Online) ^ 		
		✓	<ul style="list-style-type: none"> • Data Science for Power Users 		5 Aug – 4 Nov 2022
		✓	<ul style="list-style-type: none"> • Python for Data Analytics & Applied Machine Learning 		15 Sep – 14 Oct 2022 10 Nov – 9 Dec 2022
		✓	<ul style="list-style-type: none"> • Service Design 	Service Design	6 – 14 Oct 2022 6 – 13 Jan 2023
		✓	<ul style="list-style-type: none"> • UX Design and Delivery 	Design Thinking	14 – 15 Sep 2022
		✓	<ul style="list-style-type: none"> • Digital User Experience Design 		7 – 9 Nov 2022 16 – 18 Jan 2023
		✓	<ul style="list-style-type: none"> • Data Science Immersive 		26 Nov 2022 – 17 Jun 2023

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About GovTech Digital Academy

Singapore's Public Service aims to create a Digital Government – [A Government that is Digital to the Core, and Serves with a Heart](#) – digitally confident public sector workforce with strong ICT&SS (Info-Communications Technologies and Smart Systems) capabilities to transform and design seamless solutions for citizens and businesses.

[GovTech Digital Academy](#) (DA) is the first 'Practitioner-for-Practitioner' academy that helps support the realisation of a Digital Government by offering a robust suite of ICT&SS capability building opportunities contextualised to the needs of public officers.

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