Datastat Research
Building Capacity in Training and Research

DATASTAT TRAINING IN

OFFICIAL COURSE PROSPECTUS

Center for Advanced Research & Professional Development

Nairobi Training Center • Global Virtual Academy • Corporate On-Site

PUBLIC SECTOR INNOVATION

Cyber Resilience in Public Services Training Course

Comprehensive Course Syllabus, Practical Modules & Upcoming Schedules

PROGRAM SPECIFICATIONS & HIGHLIGHTS

DURATION
5 Days Practical Hands-on

DELIVERY MODES
In-Person Class & Live Virtual

CERTIFICATION
Accredited Certificate of Completion

INTAKES / DATES
Multiple Cohort Schedules Included

PREPARED FOR:

Valued Participant

Email: training@datastatresearch.org | Issued: November 21, 2026

Academic & Professional Training Year: 2026

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Cyber Resilience in Public Services Training Course

Public Sector Innovation • 5 Days Intensive • Accredited Certification

Course Overview

Cyber Resilience in Public Services Training Course is designed to equip public sector professionals with the knowledge, strategies, and practical tools necessary to safeguard critical information systems against cyber threats.

Key Skills & Software Tools Covered

MS Word • Splunk • Palo Alto Networks Cortex XDR • and IBM Qradar

Upcoming Training Schedules

Confirmed cohort intakes and venues. Both physical in-person classroom and live virtual online seats are available.

TRAINING DATES	LOCATION / VENUE	FORMAT / DURATION	INVESTMENT (FEE)
26 Jan 2026 – 30 Jan 2026	Nairobi	Classroom / 5d	**$1,500 USD / KES 110,000**
26 Jan 2026 – 30 Jan 2026	Kigali	Classroom / 5d	**$3,000 USD / KES 90,000**
26 Jan 2026 – 30 Jan 2026	Dubai	Classroom / 5d	**$5,000 USD / KES 90,000**
26 Jan 2026 – 30 Jan 2026	Cape Town	Classroom / 5d	**$4,500 USD / KES 90,000**
26 Jan 2026 – 30 Jan 2026	Addis Ababa	Classroom / 5d	**$3,000 USD / KES 90,000**
26 Jan 2026 – 30 Jan 2026	Singapore	Classroom / 5d	**$5,000 USD / KES 90,000**
26 Jan 2026 – 30 Jan 2026	Istanbul	Classroom / 5d	**$5,000 USD / KES 90,000**
26 Jan 2026 – 30 Jan 2026	Bangkok	Classroom / 5d	**$5,000 USD / KES 90,000**
26 Jan 2026 – 30 Jan 2026	Accra	Classroom / 5d	**$4,000 USD / KES 90,000**
2 Feb 2026 – 6 Feb 2026	Nairobi	Classroom / 5d	**$1,500 USD / KES 110,000**
2 Feb 2026 – 6 Feb 2026	Kigali	Classroom / 5d	**$3,000 USD / KES 90,000**
2 Feb 2026 – 6 Feb 2026	Dubai	Classroom / 5d	**$5,000 USD / KES 90,000**

* Corporate discounts and customized cohort scheduling are available for teams of 3 or more participants.

Course Curriculum & Modules

Cyber Resilience in Public Services Training Course

Introduction

In an era where digital transformation defines public service efficiency, cyber resilience has become a critical priority for government institutions and public organizations. Cyber Resilience in Public Services Training Course is designed to equip public sector professionals with the knowledge, strategies, and practical tools necessary to safeguard critical information systems against cyber threats. Participants will gain insights into cyber risk management, threat intelligence, incident response, and proactive defense mechanisms, ensuring that public services remain uninterrupted and secure. The curriculum emphasizes real-world applications and emerging technologies, enabling attendees to enhance organizational readiness and maintain citizen trust.

Cyber resilience extends beyond traditional cybersecurity measures; it integrates strategic planning, organizational policies, and continuous improvement frameworks to ensure that public services can anticipate, withstand, and recover from cyber incidents. This course addresses the latest trends in cyber threats, regulatory compliance, and risk mitigation while promoting a culture of security awareness within public institutions. Participants will engage in interactive case studies, scenario-based exercises, and actionable strategies that can be directly applied to their organizations, strengthening both technical and managerial competencies. By the end of this program, attendees will be equipped to develop resilient systems, implement security protocols, and foster a proactive approach to cyber defense in public services.

Course Objectives

1. Understand the fundamentals of cyber resilience and its relevance in public services.
2. Identify emerging cyber threats and trends affecting public institutions.
3. Develop risk assessment and management strategies for government systems.
4. Implement robust incident response plans and disaster recovery protocols.
5. Strengthen organizational policies to mitigate cyber vulnerabilities.
6. Apply threat intelligence and monitoring tools to protect sensitive data.
7. Promote a culture of cybersecurity awareness among public employees.
8. Integrate security-by-design principles in digital public services.
9. Analyze case studies of successful cyber resilience in government sectors.
10. Evaluate regulatory frameworks and compliance requirements.
11. Enhance collaboration between IT, management, and stakeholders for cyber resilience.
12. Implement proactive defense mechanisms against ransomware and phishing attacks.
13. Develop metrics to measure the effectiveness of cyber resilience programs.

Organizational Benefits

· Reduced risk of data breaches and cyber incidents.
· Improved service continuity and public trust.
· Enhanced compliance with cybersecurity regulations.
· Streamlined incident response processes.
· Increased awareness of cyber threats among staff.
· Strengthened IT governance frameworks.
· Protection of sensitive citizen information.
· Improved collaboration across departments.
· Reduction in potential financial losses due to cybercrime.
· Development of a proactive cyber resilience culture.

Target Audiences

1. Public sector IT managers and administrators
2. Government cybersecurity officers
3. Risk and compliance professionals in public institutions
4. Digital transformation leads in municipal services
5. Incident response and disaster recovery teams
6. Policy makers involved in public service digital strategies
7. IT auditors and security consultants
8. Public service leaders responsible for organizational resilience

Course Duration: 5 days

Course Modules

Module 1: Introduction to Cyber Resilience in Public Services

· Overview of cyber resilience principles
· Importance for public sector organizations
· Differences between cybersecurity and cyber resilience
· Current challenges and trends
· Organizational readiness assessment
· Case study: Cyber resilience strategy in a municipal department

Module 2: Cyber Threat Landscape

· Understanding malware, ransomware, and phishing
· Emerging threats to public services
· Threat intelligence tools and techniques
· Identifying vulnerabilities in legacy systems
· Risk prioritization strategies
· Case study: Phishing attack mitigation in a city council

Module 3: Risk Assessment and Management

· Frameworks for evaluating cyber risks

· Conducting threat and vulnerability assessments

· Risk scoring and reporting

· Integrating risk management into public service operations

· Scenario-based risk analysis

· Case study: Risk assessment for a government database

Module 4: Incident Response Planning

· Developing an incident response plan

· Roles and responsibilities in a cyber incident

· Communication protocols during cyber events

· Recovery and business continuity planning

· Incident response testing and simulation

· Case study: Successful ransomware response in a state agency

Module 5: Security Policies and Governance

· Establishing cyber governance structures

· Policy development for public organizations

· Regulatory compliance and standards

· Data protection and privacy policies

· Staff training and awareness programs

· Case study: Governance model for a national health service

Module 6: Threat Intelligence and Monitoring

· Continuous monitoring strategies

· Threat detection tools and platforms

· Analyzing and interpreting threat data

· Integrating intelligence into response strategies

· Real-time reporting mechanisms

· Case study: Real-time threat monitoring in a metropolitan authority

Module 7: Building a Culture of Cyber Awareness

· Importance of employee engagement

· Training programs for public staff

· Social engineering awareness

· Measuring effectiveness of awareness initiatives

· Promoting proactive behavior

· Case study: Public service employee awareness campaign

Module 8: Measuring Cyber Resilience Performance

· Key metrics and KPIs for cyber resilience

· Evaluating program effectiveness

· Continuous improvement strategies

· Reporting to senior management

· Integrating lessons learned into policies

· Case study: Performance assessment in a government agency

Training Methodology

· Interactive lectures with real-world examples

· Hands-on exercises and workshops

· Scenario-based learning and simulations

· Group discussions and collaborative projects

· Case study analysis of public sector incidents

· Role-playing exercises to practice response strategies

Register as a group from 3 participants for a Discount

Send us an email: info@datastatresearch.org or call +254724527104

Certification

Upon successful completion of this training, participants will be issued with a globally- recognized certificate.

Tailor-Made Course

We also offer tailor-made courses based on your needs.

Key Notes

a. The participant must be conversant with English.

b. Upon completion of training the participant will be issued with an Authorized Training Certificate

c. Course duration is flexible and the contents can be modified to fit any number of days.

d. The course fee includes facilitation training materials, 2 coffee breaks, buffet lunch and A Certificate upon successful completion of Training.

e. One-year post-training support Consultation and Coaching provided after the course.

f. Payment should be done at least a week before commence of the training, to DATASTAT CONSULTANCY LTD account, as indicated in the invoice so as to enable us prepare better for you.

Certification & Learning Methodology

- Hands-on practical delivery with real-world datasets, case studies, and lab exercises.
- Post-training mentorship, access to class resources, and customized follow-up support.
- Participants who successfully complete the course receive an accredited Datastat Certificate of Completion.

How to Enroll & Reserve Your Seat

1. Online Registration: Visit https://datastatresearch.org/courses/cyber-resilience-in-public-services-training-course to register online.
2. Email Booking: Send participant details to training@datastatresearch.org for official invoice & reservation.
3. Support & Assistance: Inquire via phone +254 724 527 104 | +254 734 969 612.