Data Breed Africa

Cybersecurity & Ethical Hacking

Build a career protecting the digital world.

LEARN > ATTACK > DETECT > INVESTIGATE > DEFEND > AUTOMATE

6-month intensive program starting 6th October 2026.

REGISTER NOW

6 Months	Hands-On	KES 52,000
Duration	Lab-Based Learning	Total Fee

PROGRAM OVERVIEW

Defend the Digital Frontier

Our 6-month, 6-module intensive program covers cybersecurity and infrastructure, ethical hacking and penetration testing, identity/cloud/application security, SOC/SIEM and threat hunting, incident response and digital forensics, and AI security, automation and GRC. Each module builds on the last, preparing you for real-world cybersecurity roles with hands-on labs and industry-standard tools.

Class Schedule

Tuesday to Thursday | 7:30 PM – 9:30 PM | Online via Microsoft Teams

PROGRAM CURRICULUM

6 Modules. 6 Months. Job-Ready.

MODULE 1
Cybersecurity Fundamentals

The environment attackers target and defenders secure.

CIA triad; TCP/IP, OSI, DNS, HTTP/S, SSH; routers, switches, firewalls, VPNs; VLANs, DMZ, segmentation; Windows & Linux; cloud & hybrid infra; Zero Trust; NIST CSF & CIS Controls

Practical: Build an enterprise network lab, configure segmentation, analyse traffic with Wireshark, harden systems.

MODULE 2
Ethical Hacking, Vulnerability Assessment & Pen Testing

Discover, exploit and demonstrate weaknesses legally.

Recon & OSINT; scanning & enumeration; Metasploit & Nmap; privilege escalation; lateral movement; OWASP Top 10; XSS, CSRF, SSRF; Burp Suite & ZAP; credential attacks

Practical: Complete an end-to-end penetration test and produce a professional report.

MODULE 3
Identity, Network, Cloud & Application Security

Secure the technologies that form the modern enterprise.

IAM, MFA, SSO, Active Directory; Kerberoasting, Pass-the-Hash; NGFW, IDS/IPS, WAF; AWS/Azure security; Docker & K8s security; secure SDLC, CI/CD, SAST/DAST/SCA; SBOM

Practical: Secure a simulated hybrid enterprise: AD, network, web app, cloud & containers.

MODULE 4
SOC, SIEM, Threat Intelligence & Threat Hunting

SOC architecture; SIEM log correlation; detection engineering: MITRE ATT&CK; EDR, XDR, NDR; hypothesis-driven hunting; Wazuh, Sentinel, Elastic, Splunk; Sysmon & Wireshark

Practical: Build a mini-SOC and investigate brute-force, malware, lateral movement & ransomware.

MODULE 5
Incident Response, Forensics, Malware & Cyber Resilience

IR lifecycle; evidence handling; disk & memory forensics; timeline analysis; malware analysis; ransomware detection & recovery; 3-2-1 backup; DR/BCP; Autopsy, Volatility, KAPE, Velociraptor

Practical: Detect, investigate, contain, recover and report on a simulated compromised machine.

MODULE 6
AI Security, Automation, GRC & Capstone

AI-assisted detection & threat intel; prompt injection & model security; Python, Bash, PowerShell; SOAR playbooks; risk registers & audits; Kenya DPA; NIST CSF, ISO 27001, PCI DSS; Zero Trust architecture

Practical: Capstone: build, attack, detect, defend, recover and present improvements.

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PROGRAM INVESTMENT

Invest in Your Cybersecurity Career

One comprehensive program. All skills included. **Flexible payment options.**

Full Program

KES 52,000

6 months of intensive, hands-on training

All 6 modules included

Minimum deposit: KES 10,000 to secure your spot

Payment via M-Pesa /Airtel Money Paybill: Business No. 880100 | Account No. 449955 | Balance payable in installments by end of 3rd learning month

CORPORATE TRAINING AREAS

Empowering Teams Across Six Key Disciplines

- Cybersecurity Training
- AI Training
- Data & Business Intelligence
- Soft Skills & Career Enhancement
- Tailored Training Areas
- Technical Team Enablement

STUDENT SUCCESS STORIES

What Our Graduates Say

Before Data Breed Africa, I had zero cybersecurity experience; just a passion for tech and problem-solving. Six months later, I'm working as a SOC Analyst, monitoring threats and protecting critical infrastructure. The hands-on labs with tools like Splunk, Kali Linux, and Palo Alto firewalls gave me real-world skills that employers actually need. The evening classes fit perfectly around my day job, and the instructors were industry professionals who knew their stuff. Highly recommend!"

— James Ochieng —

SOC Analyst

TOOLS & TECHNOLOGIES

Industry-Standard Tools You'll Master

Kali Linux • Wireshark • Nmap • Metasploit • Burp Suite • OWASP ZAP • Nessus • Splunk • Microsoft Sentinel • Wazuh • Sysmon • AWS Security Hub • Azure Security Center • Autopsy • FTK Imager • Volatility • Velociraptor • KAPE • Snort

HOW TO REGISTER

3 Simple Steps to Get Started

1
Express Interest
Contact us via WhatsApp, call, email, socials, or our website to indicate your interest.

2
Complete Assessment
Take a short online quiz to help us understand your current level.

3
Make Payment
Pay minimum KES 10,000 via M-Pesa Paybill or Bank to secure your spot.

REGISTRATION DEADLINE: 2nd October 2026 | Program Starts: 6th October, 2026

WHY CHOOSE DATA BREED AFRICA?

- ✓ Evening-friendly schedule (7:30–9:30 PM)
- ✓ Hands-on projects with real datasets
- ✓ Industry-experienced instructors
- ✓ Career support & job placement assistance
- ✓ Flexible payment plans (start with KES 10,000)
- ✓ Online classes — learn from anywhere
- ✓ Small class sizes for personalized attention
- ✓ Certificate of completion (Internationally Recognized)

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