



## Day 4 - Cybersecurity Roles & Career Paths

### Domains of Cybersecurity:

- **Offensive Security (Red Team):** Ethical hackers who find vulnerabilities.
- **Defensive Security (Blue Team):** Defend against attacks (SOC, IR, etc.).
- **Governance, Risk, Compliance (GRC):** Policy, audits, and compliance.
- **Security Engineering:** Build secure systems & architecture.
- **Cloud Security, AppSec, Threat Intel, etc.** — more specialized tracks.

### Popular roles in Cybersecurity:

Role	Description
SOC Analyst (Blue)	Monitor logs, detect and report threats. Entry-level.
Penetration Tester (Red)	Ethical hacker who tests systems for vulnerabilities.
Security researcher	Finds new attack vectors or malware. Deep knowledge.

GRC Analyst	Ensures security rules and compliance standards are followed.
Security Engineer	Builds secure systems, tools, and processes.
Threat Intelligence Analyst	Tracks threat actors and upcoming cybercrime trends.

## Cyber Career Pathways Tool | NICCS

Explore the micro-challenges using the Tool below!



