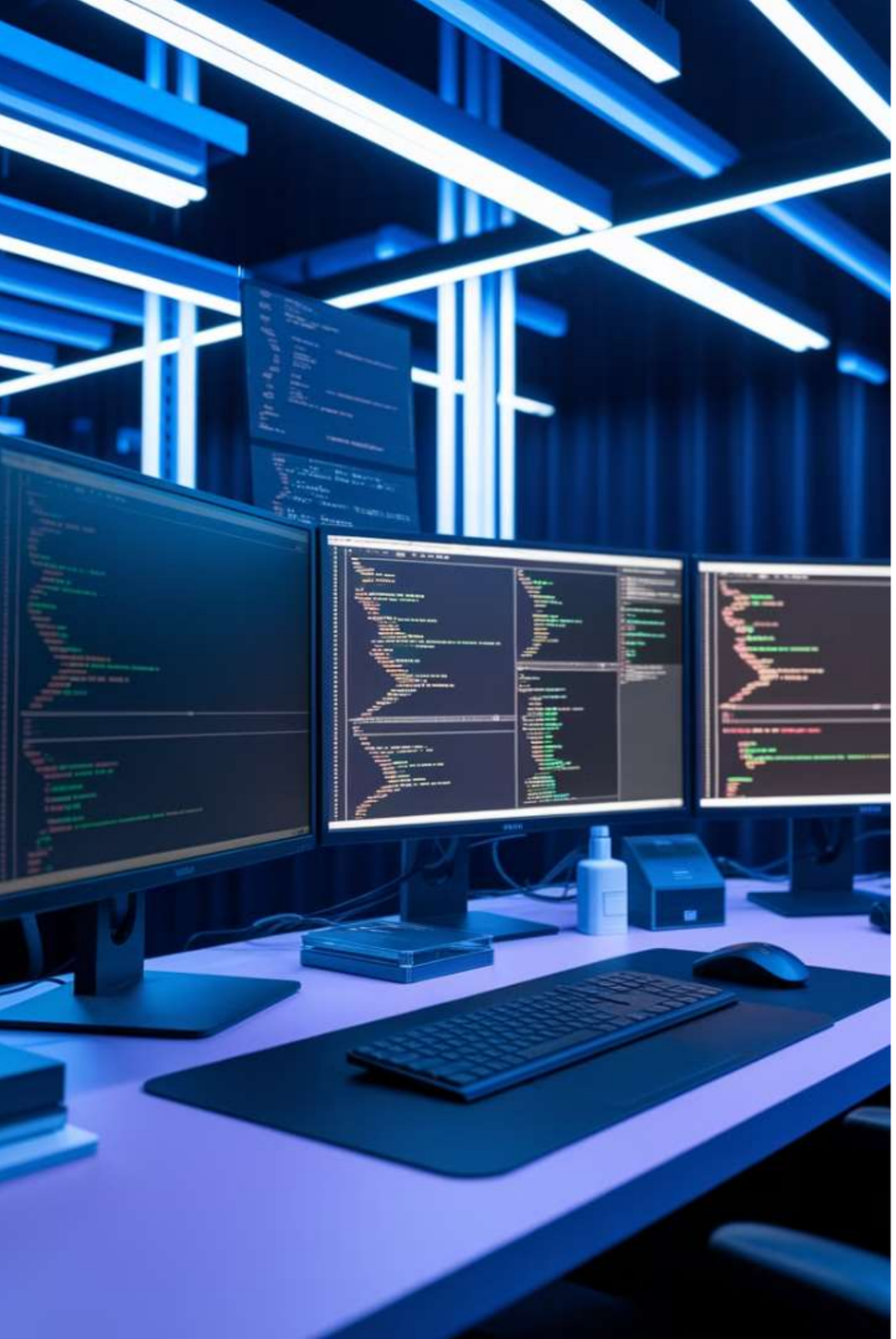


Hemangdoshi academy

Become a

Certified Vulnerability Penetration Tester with

Hemang Doshi Academy

Test, Exploit, Secure – The Core of Ethical Hacking.

This hands-on training equips you with practical skills in Vulnerability Assessment and Penetration Testing (VAPT). Learn ethical hacking techniques, industry-standard tools, and real-world methodologies to identify, exploit, and mitigate security vulnerabilities. Whether you're a beginner or an IT professional, this course prepares you for high-demand cybersecurity roles.

Why Become a Certified Vulnerability Penetration Tester?

The cybersecurity industry offers exceptional career opportunities for certified penetration testers, with strong demand and competitive compensation.

Professional Gap

The **(ISC)² 2024 Cybersecurity Workforce Study** states a **4 million professional gap**, driving demand for penetration testers. *(Source: (ISC)², 2024)*

Median Salary

Information security analysts, including penetration testers, earn a **median salary of $112,000**, with top professionals making over **$160,000**. *(Source: U.S. Bureau of Labor Statistics, 2024)*

Industry Spending

Cybersecurity spending is expected to exceed **$300 billion annually by 2027**, with a focus on penetration testing. *(Source: Cybersecurity Ventures, 2024)*

Job Growth

CyberSeek reports a **32% job growth** in penetration testing roles over the next five years. (Source: CyberSeek, 2024)

Key Learning Benefits

- Hands-on experience with industry-leading tools and techniques
- Develop real-world penetration testing skills with live labs
- Gain a globally recognized certification to boost your career
- Master vulnerability assessment and ethical hacking methodologies
- Enhance risk management and compliance knowledge
- Learn to write a VAPT report independently

Course Highlights

18 Hours Live Training

by seasoned industry professionals

Certification

Become a **Certified Vulnerability Penetration Tester**

Flexible Learning

Access recorded lectures anytime

CPE Credits

Earn an **18-Hour CPE Certificate**

Bonus

Free access to **'CEH v12' on Udemy** by Hemang Doshi

Course Outline: Module 1

What is VAPT?

(Vulnerability Assessment vs. Penetration Testing)

Types of Testing

Black Box, White Box, Grey Box

Understanding Common Vulnerabilities

(OWASP Top 10)

Cybersecurity Laws

GDPR, HIPAA, PCI DSS

Hands-on

Virtual Lab Setup (Kali Linux, Parrot OS, Vulnerable Machines)

Course Outline: Module 2

Information Gathering & Reconnaissance

Active vs Passive Reconnaissance

WHOIS, DNS Enumeration, Subdomain Discovery

OSINT Techniques, Google Dorking, Shodan Usage

Hands-on

Using Recon Tools (whois, nslookup, sublist3r, theHarvester, Google Dorking & Shodan)

Course Outline: Module 3

1. **Network & Port Scanning**
   TCP/UDP scanning techniques to identify open ports and services
2. **Service Enumeration & Banner Grabbing**
   Identifying running services and their versions
3. **Vulnerability Mapping**
   Correlating discovered services with potential vulnerabilities
4. **Hands-on**
   nmap, netcat, dirb, gobuster, Wireshark

Course Outline: Module 4

Automated vs. Manual Scanning

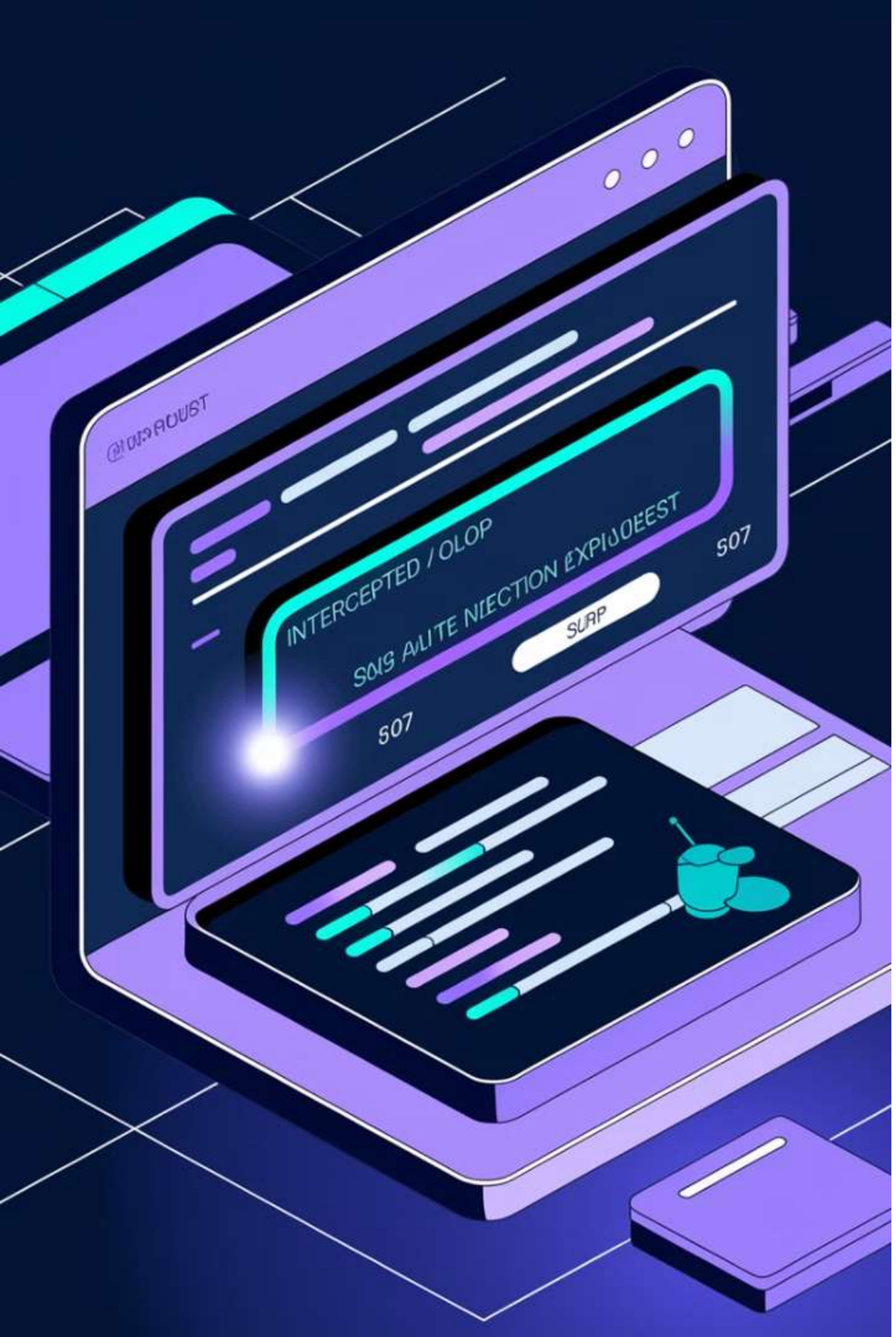
Understanding the differences between automated vulnerability scanning tools and manual assessment techniques

Web & Network Vulnerability Scanners

Nessus, OpenVAS, Nikto - powerful tools for identifying security flaws

CVE Database & Exploit Research

Using vulnerability databases to research and understand security weaknesses



Course Outline: Module 5

Understanding Exploitation Techniques

Learning the fundamentals of security exploitation and ethical hacking approaches

Web Exploitation

SQL Injection (SQLi), Cross-Site Scripting (XSS), Command Injection

API Security & Burp Suite Basics

Learning how to test and secure application programming interfaces

Hands-on

Exploiting DVWA, bWAPP, WordPress (WPScan), SQLi Attacks

Course Outline: Module 6

1

Brute Force & Dictionary Attacks

Techniques for testing password security and understanding common attack vectors

2

Credential Dumping & Cracking Hashes

Hashcat, John the Ripper and methods for extracting and breaking password hashes

3

Windows & Linux Privilege Escalation

Techniques for escalating user privileges on compromised systems

4

Hands-on

Hydra, Mimikatz, GTFOBins, Unquoted Service Path, DLL Hijacking

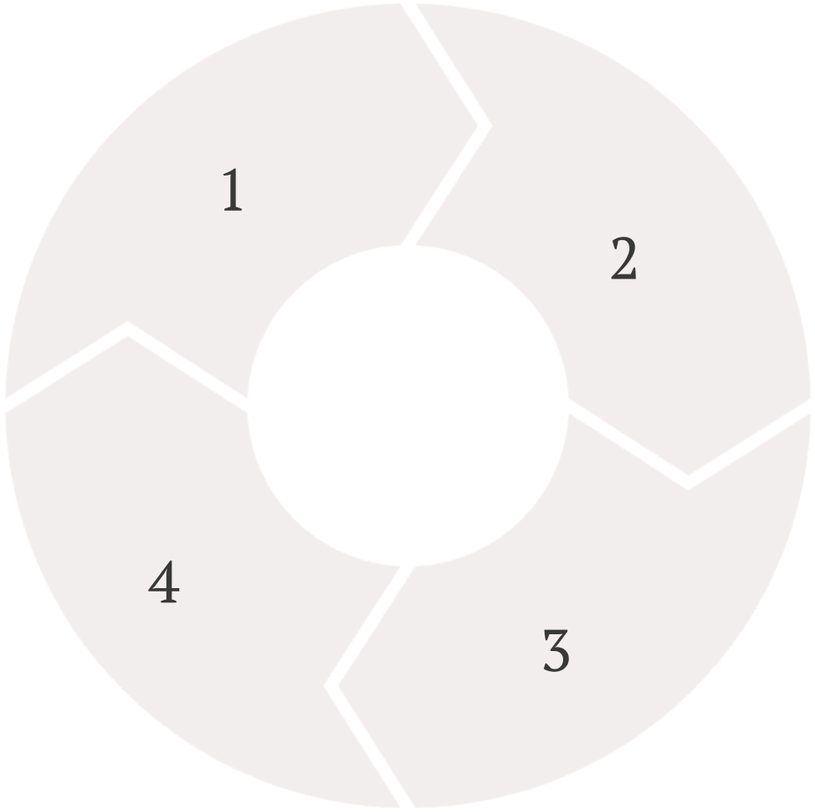
Course Outline: Module 7

Writing a Professional VAPT Report

Creating comprehensive documentation of findings

Scoring Vulnerabilities (CVSS)

Risk Assessment methodologies



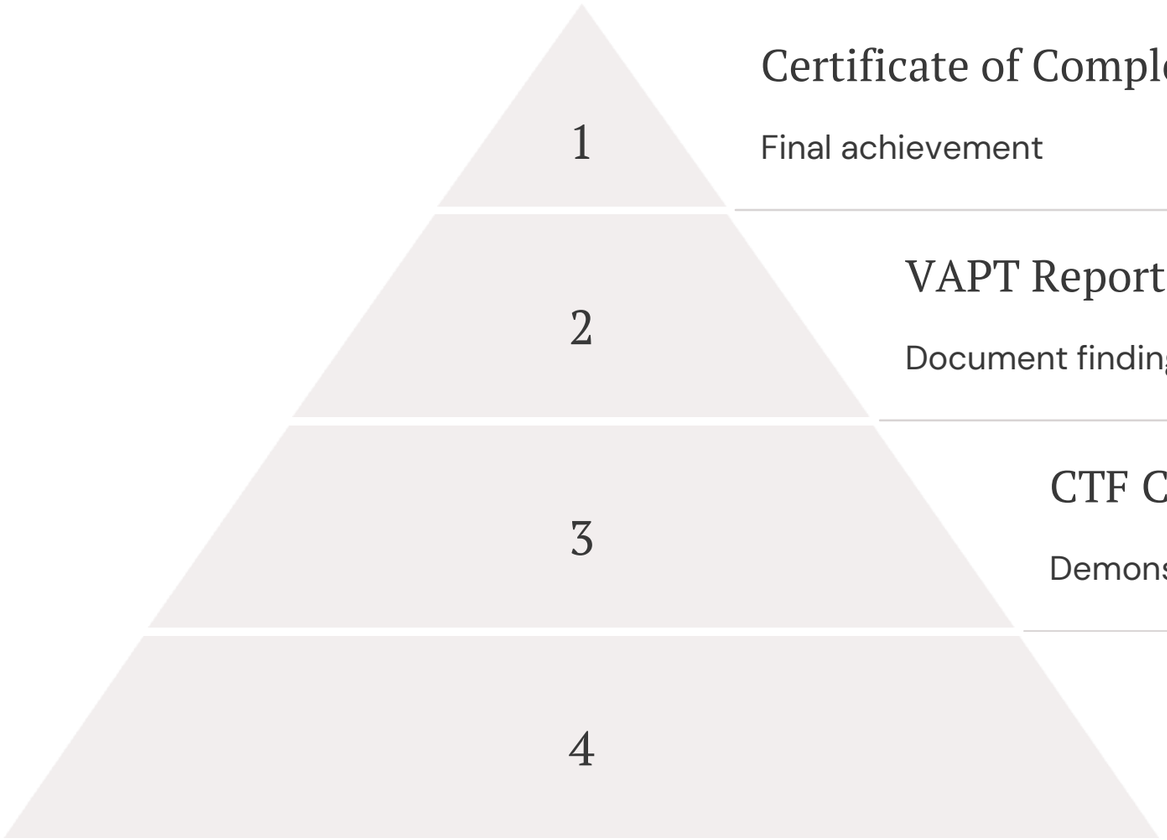
Hands-on

Creating a Sample Report using Industry Templates

Best Practices for Client Communication

Professional reporting standards

Exam Format



Final **CTF Challenge** includes: Simulated Attack Scenarios, Real-World Vulnerability Testing, and Challenges in Recon, Web Exploits, Privilege Escalation, Password Cracking.

Completion & Certification: Pass the CTF challenge & submit a VAPT report to earn your Certificate of Completion!

Who Should Join?

Cybersecurity Professionals

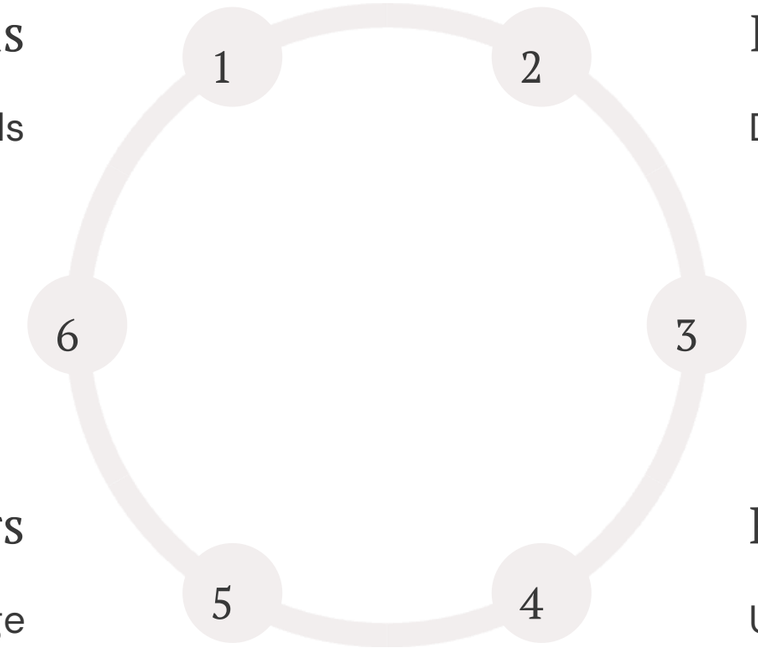
Enhance existing security skills

Students & Fresh Graduates

Launch your cybersecurity career

Network & Security Engineers

Build defensive knowledge



IT Security Analysts

Develop practical testing abilities

Ethical Hackers & Penetration Testers

Formalize your expertise

Risk & Compliance Officers

Understand technical vulnerabilities

Career Prospects

1

Advanced Roles

Threat Intelligence Analyst

2

Specialized Positions

Vulnerability Assessment Specialist

3

Security Consulting

Information Security Analyst, Cybersecurity Consultant

4

Technical Security

Network Security Engineer, Red Team Security Expert

5

Entry Level

Penetration Tester

Post-certification, unlock roles like: Penetration Tester, Red Team Security Expert, Network Security Engineer, Cybersecurity Consultant, Information Security Analyst, Vulnerability Assessment Specialist, Threat Intelligence Analyst

Register Now & Accelerate Your Career!

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