

Python for Penetration Tester

Duration :5 days

- **Introduction**
- **Why Cybersecurity Analysts and Penetration Testers Need Python**
- **Review of the Typical Pen Testing Process**
- **Combining Python Modules for Active Info Gathering**
- **Writing a Key logger in Python**
- **Brute forcing ZIP Passwords with Python**
- **Gathering Information - Grabbing Banners, Hostname and IP Lookup**
- **Building a Basic Port Scanner using NMAP in Python**
- **Grabbing Screenshots with Python**
- **The Socket Module for Network Communication - A TCP Server-Client**
- **The Scapy Module for Network Traffic Sniffing and Manipulation**
- **Attacking Web Forms with requests in Python**
- **Discovering Subdomains with Python**
- **Cracking Hashes with Python and Hashlib**
- **Spoofing your MAC Address with Python**
- **Finding Hidden Wireless Networks with Python**