INVESTIGATIONAL PYTHON (IP)

Automate OSINT/PAI Collection

Course Overview

Investigational Python (IP) is a comprehensive 40-hour programming course designed to teach object-oriented Python coding within a networked environment, including connections to the Internet and the Dark Web via TOR. The course emphasizes practical coding exercises that focus on network connections and building web scraping tools. It covers installing and using Python on various operating systems, creating a portable USB development environment and understanding object-oriented programming principles.

Students will learn to build objects and modules, utilize network libraries with Python, and enhance their practical coding and debugging skills against virtual targets. Upon completion, students will have developed mission-oriented Python scripts and gained valuable programming expertise, enabling them to troubleshoot existing programs and devise solutions for various scenarios.

IP Course Deliverables & Schedule (40 hours)

- Introduction to Object Oriented Programming
- Python Language Concepts
- Input and Output
- Coding Assignment 1
- Python on Mac, Linux, other devices
- Project Brief
- Flow Control 1: Branching
- Coding Assignment 2
- Files and Storage
- Coding Assignment 3
- Functions and Libraries
- Project Review
- Flow Control 2: Loops
- Coding Assignment 4
- Modularization
- Coding Assignment 5
- Communication with the internet
- Web Connectivity
- Coding Assignment 6
- Modularization
- Coding Assignment 7
- Communication with the internet
- Controlling Devices
- Final Coding Assignment – Connecting the Code to the Project
- Project Review
- Course Review
- AAR / Graduation

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More Info and Enrollment!

We offer various options to create a contracted, dedicated course to meet your organization's operational requirements. For contracted training and price quotes please send all inquiries to:

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