

OSINT
(Open Source Intelligence)
Training

COURSE

HIGHLIGHTS



COURSE

OVERVIEW

InfosecTrain's **OSINT (Open Source Intelligence)-101 Training** course offers a comprehensive exploration of Open Source Intelligence (OSINT) for participants seeking to bolster their **intelligence gathering** and cybersecurity skills. This hands-on program delves into the world of OSINT, covering fundamental principles, advanced techniques, and ethical considerations. Participants will learn how to gather information effectively, both **online and offline**, employ deepfake detection methods, analyze social media data, and detect deceptive sock puppets in online communities.



WHY **OSINT** (OPEN SOURCE INTELLIGENCE) -101 TRAINING COURSE WITH INFOSECTRAIN?

InfosecTrain is a leading IT security training and consulting organization offering best-in-class yet cost-effective, customized training programs to enterprises and individuals across the globe. We offer role-specific certification training programs and prepare professionals for the future. Our OSINT (Open Source Intelligence)-101 training course will equip you with a comprehensive overview of essential topics in the field of intelligence gathering and cybersecurity.

Here's what you get when you choose InfosecTrain as your learning partner :

- ⊗ **Flexible Schedule:** Training sessions to match your schedule and accommodate your needs.
- ⊗ **Post Training Support with No Expiry Date:** Ongoing assistance and support until the learners achieve their certification goals.
- ⊗ **Recorded Sessions:** Access to LMS or recorded sessions for post-training reference.
- ⊗ **Customized Training:** A training program that caters to your specific learning needs.
- ⊗ **Knowledge Sharing Community:** Collaborative group discussions to facilitate knowledge sharing and learning.
- ⊗ **Certificate:** Each candidate receives a certificate of participation as a testament to their accomplishment.
- ⊗ **Expert Career Guidance:** Free career guidance and support from industry experts.

TARGET

AUDIENCE



- ⊗ Cybersecurity Professionals
- ⊗ Law Enforcement and Intelligence Analysts
- ⊗ Digital Forensics Experts
- ⊗ Ethical Hackers
- ⊗ Penetration Testers
- ⊗ Risk and Compliance Managers

PRE-REQUISITES

- ⊗ Basic computer skills, including the ability to use a web browser and a word processor
- ⊗ An understanding of the Internet and familiarity with conducting effective online information research

COURSE

OBJECTIVES

YOU WILL BE ABLE TO:

- ① Understand OSINT basics
- ① Develop online and offline information-gathering skills
- ① Learn to reverse email lookup and metadata analysis
- ① Detect deepfake manipulation in media
- ① Explore website OSINT techniques
- ① Identify wireless networks and device details
- ① Master social media analysis and sock puppet detection
- ① Analyze digital footprints and privacy considerations
- ① Utilize geolocation and mapping tools
- ① Automate OSINT workflows
- ① Understand OSINT's role in intelligence agencies
- ① Explore the future of OSINT in investigations and security



COURSE

CONTENT

INTRODUCTION TO OSINT

- Overview of OSINT
- The Importance of OSINT in Investigations and Intelligence Gathering
- Benefits of OSINT
- Types of Intelligence Gathering
- Legal and Ethical Considerations
- Examples of Legal and Ethical OSINT Practices
- Risks and Consequences of Unethical or Illegal OSINT Practices

GATHERING INFORMATION ONLINE

- Types of Information Available Online
- Tools for Online Information Gathering
- Effective Search Techniques for Finding Information
- Best Practices for Collecting and Storing Information

GATHERING INFORMATION OFFLINE

- Types of Information Available Offline
- Tools for Offline Information Gathering
- Effective Techniques for Gathering Information Offline
- Best Practices for Collecting and Storing Information

REVERSE EMAIL

- Introduction to Reverse Email Lookup Techniques
- Utilizing Online Tools for Reverse Email Searches
- Analyzing Email Headers and Metadata for Valuable Information

DEEPPFAKE DETECTION AND IDENTIFICATION

- Understanding Deepfake Technology and its Implications
- Identifying Signs of Deepfake Manipulation in Videos and Images
- Exploring State-of-the-Art Deepfake Detection Tools and Algorithms
- Hands-on Exercises for Detecting and Analyzing Deepfake Media
- Overview of Deepware.ai and its Capabilities in OSINT Investigations
- Understanding the Features and Functionalities of Deepware.ai Platform
- Exploring the Integration of deepware.ai with other OSINT Tools and

WEBSITE OSINT

- Extracting Information from Domain WHOIS Records
- Analyzing Website Hosting Information (IP Address, Hosting Provider)
- Exploring DNS Records (A, MX, TXT, etc.) for Additional Details
- Gathering Information about the Web Server (Apache, Nginx, IIS)
- Conducting Vulnerability Scanning and Assessment
- Examining SSL/TLS Certificates for Security Analysis
- Gathering Data on Website Traffic (Alexa, SimilarWeb, Google Analytics)
- Analyzing Website Engagement Metrics (Page Views, Bounce Rate, etc.)
- Understanding Audience Demographics and Geographic Distribution

WIRELESS OSINT

- ⊗ Identifying Nearby Wireless Networks (SSID, BSSID)
- ⊗ Enumerating Wireless Network Protocols (Wi-Fi, Bluetooth)
- ⊗ Gathering Information on Network Signal Strength and Coverage
- ⊗ Gathering Information about Wireless Network Devices (Router, Access Points)
- ⊗ Identifying Device Manufacturers and Models
- ⊗ Analyzing Device Firmware Versions

SOCIAL MEDIA ANALYSIS

- ⊗ Techniques for Analyzing Social Media Profiles
- ⊗ Social Network Analysis
- ⊗ Social Media Monitoring Tools
- ⊗ OSINT and Social Engineering

SOCK PUPPET

- ⊗ Understanding the Concept of Sock Puppets and Their Purpose
- ⊗ Identifying Common Characteristics and Behaviors Exhibited by Sock Puppets
- ⊗ Examining Tactics Used by Sock Puppets to Deceive and Manipulate Online Communities
- ⊗ Techniques and Tools for Detecting Sock Puppets in Online Platforms
- ⊗ Identifying Patterns and Anomalies in Sock Puppet Behavior

ANALYZING DIGITAL FOOTPRINTS

- Identifying and Analyzing Digital Footprints
- Digital Identity Management
- Privacy and Security Considerations
- Tools for Analyzing Digital Footprints

GEOLOCATION AND MAPPING

- Geolocation Techniques and Tools
- Mapping Tools and Applications
- Geospatial Analysis for OSINT
- Use Cases for Geolocation in Investigations

OSINT AUTOMATION

- Introduction to OSINT Automation
- Automating OSINT Workflows
- OSINT Automation Tools and Scripts
- OSINT Automation Best Practices

OSINT FOR INTELLIGENCE AGENCIES

- Intelligence Gathering and Analysis
- Counterintelligence
- OSINT and HUMINT (Human Intelligence)
- OSINT in the Intelligence Cycle

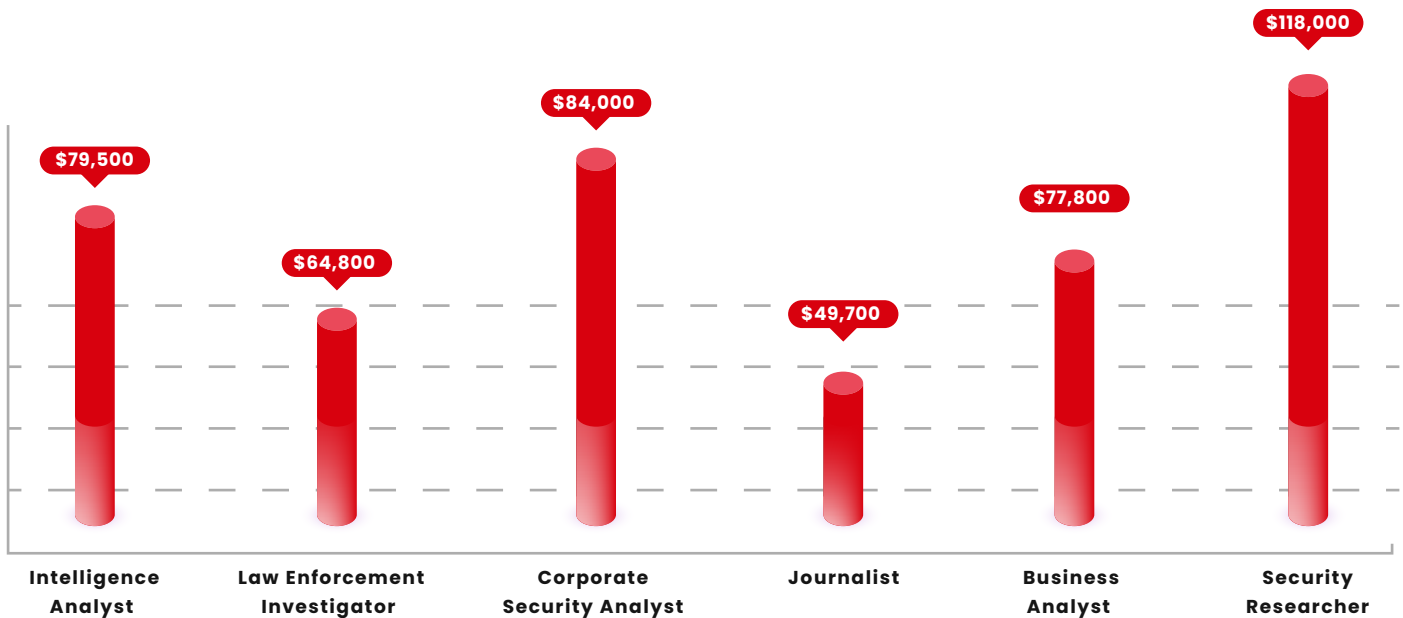
CONCLUSION AND FUTURE OF OSINT

- Recap of OSINT Techniques and Best Practices
- The Future of OSINT
- Opportunities and Challenges in OSINT



COURSE

BENEFITS



Hiring companies



Source: Indeed, Glassdoor