OSINT
(Open Source Intelligence)
Training

COURSE
HIGHLIGHTS

24 Hrs of Instructor led Training

Dedicated Session for Interview Prep

Learn with Practical Approach

Access to Recorded Sessions

Training Completion Certificate

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:

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

DEEPFAKE 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)
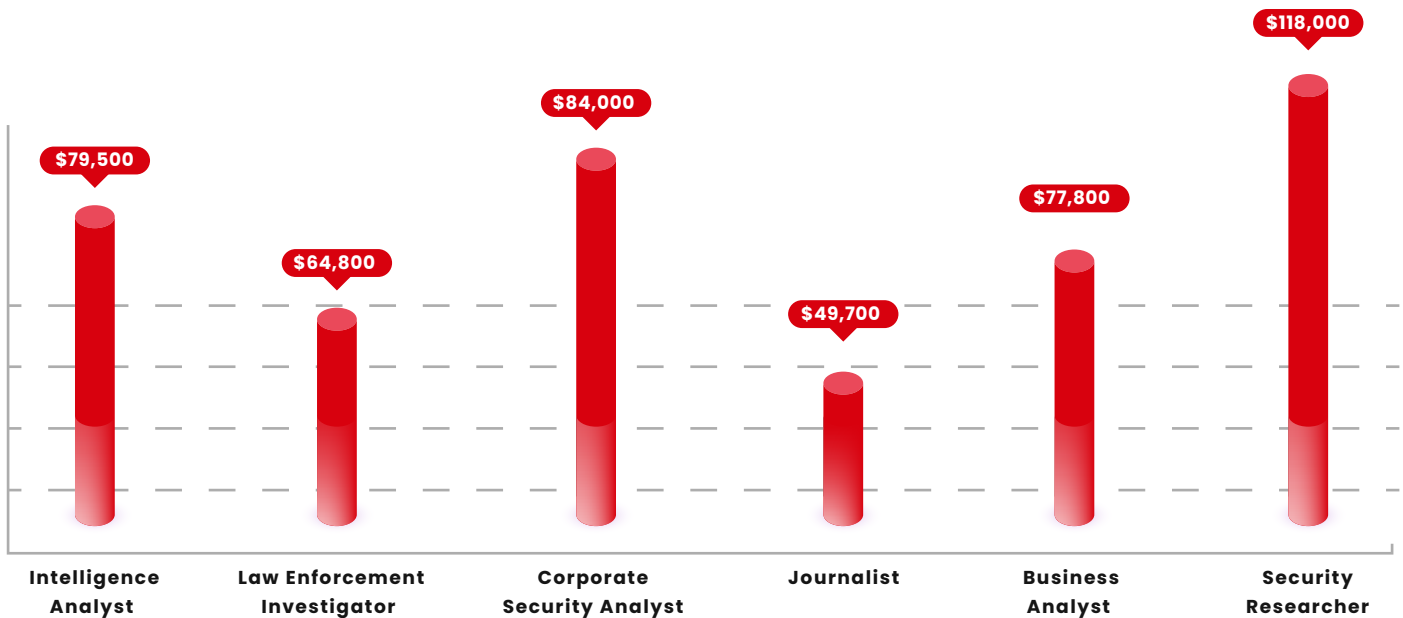- OSINT in the Intelligence Cycle

CONCLUSION AND FUTURE OF OSINT

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

COURSE
BENEFITS

$79,500	$64,800	$84,000	$49,700	$77,800	$118,000
Intelligence Analyst	Law Enforcement Investigator	Corporate Security Analyst	Journalist	Business Analyst	Security Researcher

Hiring companies

Source: Indeed, Glassdoor