

# Digital Forensics – Beginner Level (Live YouTube Course)

**Trainer:** Cyber Security Trainer  
**Mode:** Live on YouTube (3 Days/Week)  
**Level:** Beginner  
**Duration:** 4 Weeks

## **Week 1 – Foundations of Digital Forensics**

- Introduction to Digital Forensics
- Cyber Security vs Digital Forensics
- Types of Digital Evidence
- Forensic Investigation Lifecycle
- Legal & Ethics in Digital Forensics

## **Week 2 – Computer & Disk Forensics**

- Volatile vs Non-Volatile Data
- File Systems Basics (NTFS, FAT, EXT)
- Disk Imaging & Hashing
- Deleted File Recovery
- Timeline Analysis

## **Week 3 – Mobile & OS Forensics**

- Android vs iOS Forensics
- Mobile Data Artifacts
- App & Location Analysis
- Windows Forensic Artifacts (USB, Browser, Prefetch)

## **Week 4 – Network, Email & Reporting**

- Email & Browser Forensics
- Memory Forensics Introduction
- Live Forensics Basics
- Forensic Report Writing
- Career & Certification Guidance

### **Tools Covered:**

FTK Imager, Autopsy, Volatility (Intro), Browser Tools

### **Outcome:**

- Understand real forensic cases
- Handle digital evidence correctly
- Perform basic forensic investigations
- Prepare professional forensic reports

