

# Digital Forensics and How Social Science Affects It

The field of Digital Forensics is one of the many dozens of disciplines related to cybersecurity. In specific, this field deals with the investigation of cybercrimes through the mapping of digital footprints. Social science affects this field massively by its very nature as an investigative career, requiring those practicing it to be in tune with the human psyche. Those who work in Digital Forensics are experts in the recovery of data utilized to commit various cybercrimes, from IP addresses, to linking routes, and myriad other digital footprints left behind by even the most careful of cybercriminals. Experts in this field must also be capable of determining the various methods used by cybercriminals to gain access to networks through the use of social engineering so that a broader investigation may be performed.

Digital forensics, as a field, is one that focuses on the material located within digital devices in order to solve cybercrimes. Material recovered and investigated in this discipline involves digital devices such as computers, smartphones, and storage media to show evidence of crimes committed. Digital forensics experts use different techniques to trace digital footprints, recover deleted files, and analyze data in order to identify perpetrators and understand the methods used in cybercrimes. Their work is crucial in providing the necessary evidence for legal proceedings and helping to prevent future cyber threats. Digital forensics is a critical element of cybersecurity in general, focusing on an examination of digital evidence for justice and security assurance in digital environments.