

Information Security Laws & Standards

Now we will look into some popular Information Security Laws and Standards

- **PCI-DSS (Payment Card Industry Data Security Standard)** - It is a proprietary information security standard for organizations that handle cardholder information for major credit/debit cards, etc.
- **HIPAA (Health Insurance Portability & Accountability Act)** - The HIPAA Privacy Rule provides federal protections for the individually identifiable health information held by different entities and businesses.
- **SOX (Sarbanes Oxley Act)** - Enacted in 2002, It is designed to protect investors and the public by increasing the accuracy and reliability of corporate disclosures.
- **DMCA (Digital Millennium Copyright Act)** - It defines the legal prohibition against the circumvention of technological protection measures employed by copyright owners to protect their work.
- **GDPR** - The General Data Protection Regulation (GDPR) is a comprehensive data privacy law that regulates how organizations collect, process, and protect personal data of individuals within the European Union (EU). It aims to give individuals more control over their personal data and imposes strict requirements on organizations handling such data.

Indian Cybersecurity Laws

India's primary cybersecurity law is the Information Technology (IT) Act of 2000, administered by the Indian Computer Emergency Response Team (CERT-In). It provides a legal framework for electronic governance, banking, commerce, and critical information infrastructure. Key provisions include mandating reasonable security practices (Section 43A), prohibiting unauthorized access and data theft (Sections 65, 66), and allowing government monitoring for security reasons (Section 69). However, the act is considered outdated, lacking comprehensive data protection and cybercrime provisions. To address this, India is overhauling the IT Act into the "Digital India Act" and introducing new laws like the Digital Personal Data Protection Act and sector-specific regulations for a robust cybersecurity framework.