

# ASH1925026M

*by* Iftekhhar Efat

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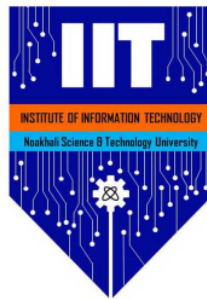
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# Discuss Current Cyber Security and Data Protection Laws

*Abdullah AL Mamun*  
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Project Area: **Information Security** .....

Project Supervisor: **MD. IFTEKHARUL ALAM EFAT**

Assistant Professor

Institute of Information Technology (IIT)

Noakhali Science and Technology University

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**Abstract**

The cybersecurity and data protection law provides an incisive international overview of the legal and regulative regimes governing data privacy and security. With a spotlight on recent developments, it covers key areas like data processors' obligations; data subject rights; data transfers and localisation; best practices for minimising cyber risk; public and personal enforcement; and an outlook for future developments.

## 1 Introduction

A cybersecurity regulation includes directives that safeguard info security and computing system with the aim of forcing firms and organizations to protect their systems and data from cyberattacks like viruses, worms, Trojan horses, phishing, denial of service (DOS) attacks, unauthorized access (stealing intellectual property or confidential information) and system attacks.

2021 saw associate degree increasing variety of knowledge protection bills and laws passed across numerous international jurisdictions. Notably, China, the UAE, Brazil, Russia and Switzerland, among others, passed new laws, amendments, or implementing laws paving the method for a brand new spherical of great information privacy regimes. It is expected that international authorities can change use of their new powers in order to use and enforce their individual information protection legislation within the close to future. [1]

## 2 Laws of Cybersecurity

Law 1: If there is a vulnerability, it will be exploited

A company invests extensively in its cybersecurity programs, tools, technologies, and personnel. however a vulnerability as little as a misconfiguration error might lead to a serious data breach. Each company ought to have a strong vulnerability management program that institutes a comprehensive and continuous method for identifying, classifying, remediating, and mitigating vulnerabilities.

Law 2: Everything is vulnerable in some way!

Ignorance is not any a lot of seventh heaven in today's ever-expanding cyber realm. Humans, the environment, physical workplace sites and data centers, finance - everything is vulnerable to attacks once not protected adequately. an organization can't admit its technology solutions for absolute protection from threats internal or external, the associated management ought to take under consideration the tiniest gap within the security infrastructure.

Law 3: Humans trust even when they shouldn't

Humans wish to trust - it's the bottom of our existence, our society lives, and flourishes supported trust. Also, 'trust' is what forms the weakest link of the protection anchor. Not solely as associate degree worker however North American nation all as individual beings ought to take care about our net activity, concerning the links that we have a tendency to click, the sites we have a tendency to visit, the data that we have a tendency to share, the images we have a tendency to post. Nothing is free in today's world; if somebody isn't charging cash against the service usage, they're mercantilism your data.

Law 4: With innovation comes an opportunity for exploitation

Innovation has modified the planet as we all know it. it's created our lives snug than ever before. With new and innovative technologies return recent and undiscovered vulnerabilities. As new developments occur daily within the IoT, AI, automation, cloud, and a lots of a lot of technologies, the hackers develop new methodologies to exploit these developments.

Law 5: in doubt, see Law 1

### 3 The Data Protection Act 2018

[2]

7  
The Data Protection Act 2018 controls however our personal data is employed by organisations, businesses or the govt.. everybody answerable for victimisation personal data has got to follow strict rules referred to as 'data protection principles'. they have to build sure information is

- used fairly, lawfully and transparently
- sed for fixed express functions
- used in the simplest way that's adequate, relevant and restricted to solely what's necessary
- correct and, wherever necessary, maintained to this point
- unbroken for now not than is critical
- handled during a method that ensures applicable security, as well as protection against unlawful or unauthorised process, access, loss, destruction or harm

Under the data Protection Act 2018, people have the right to search out out what information the govt and alternative organisations store concerning us. These embody the right to:

Run-on (ETS)

- be informed concerning however our data is being employed
- access personal data
- have incorrect data updated
- have data erased
- stop or prohibit the process of your data
- data movability (allowing you to urge and employ your data for various services)
- object to however our data is processed in bound circumstances

Missing "," (ETS)

We even have rights once associate degree organisation is victimization our personal data for:

Proofread (ETS)

- automatic decision-making processes (without human involvement)
- identification, as an example to predict your behaviour or interests

Missing "," (ETS)

## 4 Conclusion

Cybersecurity law is changing perpetually, as policymakers arrange to carry on with emerging technologies. Many of the most recent cybersecurity laws enacted worldwide embody steps to shield governments and organizations against attacks, furthermore as safeguarding citizens' data. Different laws have vulnerable the digital privacy rights of numerous citizens as oppressive governments limit on web freedom.

## References

- [1] Jose L. Hernandez-Ramos, Dimitrios Geneiatakis, Ioannis Kounelis, Gary Steri, and Igor Nai Fovino. Toward a data-driven society: A technological perspective on the development of cybersecurity and data-protection policies. *IEEE Security Privacy*, 18(1):28–38, 2020.
  - [2] Amy Iversen, Kathleen Liddell, Nicola Fear, Matthew Hotopf, and Simon Wesely. Consent, confidentiality, and the data protection act. *Bmj*, 332(7534):165–169, 2006.
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**Sentence Cap.** Remember to capitalize the first word of each sentence.



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