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DATA PROTECTION BILL INDIA (DATA SECURITY)

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ABSTRACT

Due to how data is advancing right now, protecting the confidential data of individuals is presently really troublesome. To address these worries, the Data Technology Act, 2000 was refreshed with various new arrangements in 2008, which happened. The Data Technology (Sensible Security Practices and Methods and delicate Individual information or data) Rules have been active beginning around 2011, and they contain arrangements for three distinct gatherings: Body Corporate, Data Suppliers, and the public authority. The Data Technology (Sensible Security Practices and Strategies and delicate Individual information or data) Rules, 2011 will be delivered old when the new Protection Bill, which is booked to become regulation sooner rather than later, comes full circle. This bill will safeguard the individual information of people in a compelling way. This study gives an examination concerning the information assurance regulations that are set up in India.

This article starts by examining the significance of information as well as the legitimate system administering its security in India. In the subsequent part, it dissects the sacred proviso that shields people's very own data as well as the historical backdrop of High Legal disputes about the significance of the expression "Right to Security." In the accompanying segment, an assessment of the current condition of the law in regards to the insurance of individual data and the need of passing a protection bill is introduced.

Keywords: *Billing in India, data protection, protection bill, data security.*

1. INTRODUCTION

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A developing number of countries from one side of the planet to the other are showing a more prominent interest in ordering strategies and guidelines that safeguard individual information. This is because of the way that organizations are gathering a developing measure of delicate and individual information. Therefore, it is basic for organizations to deal with and safeguard their clients' very own data successfully. While a portion of the nations have previously ordered severe information security regulation, others are gaining ground toward that objective. Late occasions have given certain individuals in India reason to worry with respect to the effect that information protection guidelines ordered in different countries might have. As indicated by Forrester Exploration (2013), China has basically no guidelines with regards to the security of individual data and protection, while India has recently restricted limitations, and Australia has a few limitations. An examination of India with the other two nations could subsequently give a few pointers to India's future turn of events.

The essential objectives of this study are to acquire a comprehension of the lawful and strategy parts of information security and protection in India, as well as to research the meaning of information security and protection for India. The accompanying gives a layout of a portion of the regulations and strategies in India relating to information security and protection regulations and guidelines:

A) THE DATA PROTECTION AND PRIVACY LAWS AND POLICIES OF THE INDIAN GOVERNMENT IN INDIA

Rather than the European Association and the US, India doesn't have a regulation that safeguards individual information. In India, information assurance is accomplished not by means of the execution of explicit regulations yet rather through the execution of rights to protection and property. Both the Constitution of India and the Data Technology Act, which was passed in 2000, safeguard a singular's right to individual security. The Indian Agreement Act from 1872, the Copyright Act from 1957, and the Indian Reformatory Code from 1860 are the bits of regulation that administer the property rights. The Data Technology (Sensible Security Practices and Techniques and Delicate Individual Information or Data) Rules were laid out by the Indian

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government's Service of Correspondence and Data Technology (LokSabha Secretariat, 2013). These standards were established to safeguard people's security. To consent to these guidelines, corporate elements are expected to gather, handle, and store individual information. The delicate individual data that is remembered for the individual information finishes the necessities of the systems.

B) STATUS OF DATA PROTECTION AND PRIVACY RIGHTS IN INDIA

The right to security is ensured by the Indian Constitution, explicitly Article 21, notwithstanding other established arrangements on basic rights. As indicated by Article 21 of the Indian Constitution, no individual might be denied of their life or individual freedom beyond the legitimate cycle that has been made. As per Jani (2013), the High Court has made it clear in various occasions that the right to security is a part of the rights to life and individual freedom. In any case, established rights can't be affirmed against non-government substances, like confidential people or associations. Just the state or organizations that are completely or somewhat claimed by the state can be expected to take responsibility for them. The Data Technology Demonstration of 2000 has arrangements against digital repudiations in areas 43(a) to (h) and digital offenses in segments 65 to 74. The two arrangements of arrangements can be tracked down in a similar demonstration. Acquiring unapproved admittance to PC frameworks or organizations and taking information from those areas are the two primary parts of the digital offenses. Infractions of this nature might bring about the recording of a common objection in India. Obstructing the source code of a PC is one of the digital offenses, as is hacking determined to make harm the framework, as well as breaking protection and mystery. The Data Technology Act considers criminal arraignment in cases including these sorts of digital offenses. The Data Technology Act, which was passed in 2000, incorporates arrangements for fines relevant to infringement of these arrangements.

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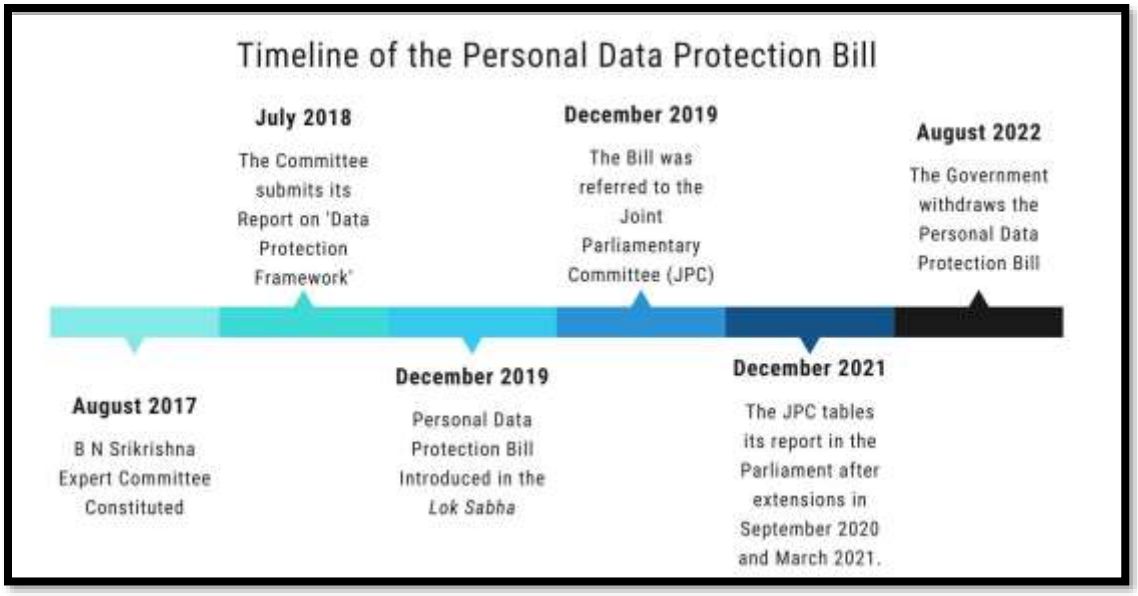

Figure 1: Timeline of the data protection bill

As per the provisions of the IT Act, an organization specialist co-op or a mediator is liable for any abuse of data having a place with an outsider. It is additionally liable for not applying the vital carefulness to keep the wrongdoing from happening. A mediator is characterized by the Data Technology Go about as a substance that plays out an activity in the interest of another substance and either gets, stores, communicates, or offers servicer rating for an electronic message. In this manner, a partnership that rethinks its work might possibly be considered responsible as a specialist organization. The range of the IT Act reaches an out past the area of the Unified Realm. It applies to offenses and infringement that were committed beyond India. It has no effect whether the individual perpetrating the wrongdoing is an Indian or somebody from another country. The main essential is that the PC framework or organization being referred to be truly arranged in India. Officials who are conceded power under the IT Act are the ones in particular who are dependent upon the privacy necessities of the demonstration. The necessities in this section don't matter to private people. Furthermore, the official has no liability to remunerate the individual or people who experienced some type of misfortune because of the divulgence. Along these lines, the punishments that are forced are anything from INR 2 hundred thousand to INR 5 hundred thousand (The Data Technology Act, 2000). This is as per the prerequisites of the IT Act. This money related

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disciplines are minor in contrast with the potential advantages that can be gotten by an individual who perpetrates cybercrimes.

C) STATUS OF DATA PROTECTION AND PROPERTY RIGHTS IN INDIA

As indicated by the arrangements of Article 300A of the Indian Constitution, no individual can be confiscated of their property without the authorization of the overall set of laws. This right, be that as it may, can't be declared against private organizations for any reason. Declaring a case against the state is just conceivable. Likewise, the information being referred to should be perceived as the property of the person to give impact to this right.

The Copyright Demonstration of 1957 was passed in India to guarantee the assurance of licensed innovation rights. Works that are inventive, dramatic, melodic, artistic, and cinematographic are undeniably safeguarded by the protected innovation rights. It's intriguing to see that artistic works incorporate things like PC information bases. Thusly, encroaching on another person's copyright can result from the demonstration of duplicating or potentially conveying a PC information base. Due to this encroachment, common and criminal procedures can be brought under the arrangements of the Copyright Act, 1957 (Indian Copyright Act, 1957). Then again, the Copyright Act sees no difference amongst the insurance of information and the assurance of data sets. The objective of information insurance is to guarantee the classification of a singular's very own data. The objective of data set security is to safeguard the creativity of data sets as well as the speculations that have been made in their accumulation, confirmation, and show.

The Indian Correctional Code (IPC), 1860 is one more successful instrument that can be used to battle the robbery of delicate data. Burglary, misappropriation of property, and criminal break of trust are totally viewed as culpable offenses under the Indian Punitive Code. Both detainment and a money related expense are essential for the approvals. As per the IPC, the wrongdoing of unjust apportionment of property must be carried out utilizing portable merchandise. It envelops all sort of human property completely. It does exclude the articles that are immovably associated with the dirt somehow or another. Considering that the substance of PC information bases is to be versatile.

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D) IMPORTANCE OF DATA PROTECTION AND PRIVACY IN INDIA

An extraordinary number of industrialized nations have set up a good foundation for themselves as pioneers in the field of information security and protection. India has rapidly become one of the most famous objections for worldwide rethinking. There is no rejecting that re-appropriating has been gainful to India. As per the discoveries of a survey that was completed in 2016 by the Measurement Mind Exploration Establishment, 28% of CFOs favor India for the re-appropriating necessities of their association. The surveyed partnerships have highlighted India's financial potential, political security, and social variety as purposes behind their choice. The environment in India, which is positive for business and business, has likewise had an impact on organizations. Moreover having a huge influence are India's well established business associations with the Unified Realm and the US. Moreover, India offers a workforce that isn't just economical yet additionally exceptionally qualified, with the capacity to communicate in English, and satisfies progressed instructive guidelines. Organizations currently have the valuable chance to seek after moving to India as a favored objective because of the nation's steady fair government, independent foundations, improvements in data technology, and helpful geography that is fitting for nonstop work. Having said that, it is crucial for bring up that the overall rivalry for rethinking is developing at a disturbing rate. India is confronting tough opposition from various nations, including Indonesia, Estonia, Singapore, Indonesia, Bulgaria, and the Philippines, among others. Moreover, numerous countries, similar to those in Europe and the US, view the right to security as a crucial basic freedom. Subsequently, it is vital that India reinforce the information security and protection guidelines that it presently has set up. What's more, it is fundamental that India advance the possibility of self-guideline among organizations. To fulfill the concerns of American and European organizations over the security of their own data and the safeguarding of their protection, India should close the holes in its information assurance and protection regulation. If there is a break of client information security, India needs to console the clients of its rethinking industry that the expense viability of re-appropriating won't be decreased by the extra expenses of overseeing client information protection concerns.

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2. LITERATURE REVIEW

Prasad M, et.al., (2020) In order to create a legal framework for data protection in India, this article examines the applicability of the Personal Data Protection Bill, 2018. In this regard, the paper makes an effort to analyze the development of a thorough personal data protection law in the setting of India. The main structure of this article is how the Personal Data Protection Bill, 2018, would update and strengthen the current data protection legislative system. The article also discusses the importance of the Supreme Court of India's decision in Justice K.S. Puttaswamy v. Union of India, which upheld the basic right to privacy, in laying the groundwork for the 2018 Personal Data Protection Bill. The impact of the General Data Protection Regulation of the European Union on the legal system of India is highlighted. The paper addresses relevant legal issues that could call into question the viability of the proposed data protection regulatory framework in the Indian environment.

Singhet.al.,(2020) A legal basis for securing personal data is provided by the Indian Personal Data Protection Bill 2019. It is based on the General Data Protection Regulation (GDPR) of the European Union. We provide a thorough explanation of the Bill, including its differences from GDPR, implementation difficulties, and constraints. We examine the technical details of the legislation and offer solutions for dealing with its many provisions. We primarily look at cryptographic ways to implement the law. The study has two main conclusions. First, we demonstrate the necessity of a deeper technical comprehension of privacy in order to precisely explain the bill's sections. Second, we demonstrate how the bill can be enforced by combining technical and legal measures.

Yadav, et.al., (2021) The amount of user data has expanded along with the usage of the internet. The rise in data breaches is caused by this user data, often known as Big Data. Every day, thousands of users' data are compromised. However, this is not the only danger we are currently confronting. One of the most effective ways to generate funds today is through digital advertising. Businesses make money by offering consumers adverts based on their search searches. Due to this, the illicit use of private and personal information to boost commercial revenues is on the rise nowadays.

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This is an invasion of privacy. Lack of a data protection regulation makes it much simpler for such digital firms in a nation like India. Even though there are a few privacy laws, they are all insufficient in today's internet-driven society. Indian citizens are currently solely dependent on them, despite any regulations that forbid them from doing so. In comparison to the current regimes, which are unable to adequately safeguard data, the proposed regimes under the Personal Data Protection Bill 2019 are anticipated to be far more robust in protecting data. In this essay, planned and actual data protection laws and regulations are compared. Additionally, it gives a general picture of how money is generated using personal data.

Bagdia, P. R., &Ranjan, P. (2021) Recognizing the importance of 'privacy' and working towards establishing a robust, resilient, and transparent 'data protection' framework is crucial as more and more activities, both social and financial, shift to the online form. Data has become increasingly important in the business world as a result of the Fourth Industrial Revolution, which places a premium on technological solutions such as the Internet of Things, Artificial Intelligence, and Big Data. In this light, laws become the means by which this field might be improved. The European Union's (EU's) "General Data Protection Regulation" (GDPR) went into effect in 2018. One of the strictest privacy laws in the world, it has acted as an example for other countries as they establish their own privacy rules. The historic 'Puttaswamy ruling' provided the motivation for the Indian government to establish the Justice Srikrishna committee in 2017 to design a data protection framework and write legislation. This led to the introduction of the "Personal Data Protection" Bill in the Parliament. It was a groundbreaking move toward securing private information while simultaneously releasing the full potential of the data economy. A Joint Parliamentary Committee (JPC) was formed to propose amendments to the bill after experts and interested parties pointed out its flaws. It produced its own report, suggesting changes to the proposed law. After extensive deliberation with all relevant parties, India needs to finally produce a comprehensive and enduring regulation. India's potential status as a world leader in privacy regulation and data protection hinges on how effectively this law is implemented.

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3. THE IDEA OF DATA SECURITY

The possibility of information security is acquiring noticeable quality from one side of the planet to the other. In the end, each nation will have regulation set up to forestall the abuse of residents' very own information. The German word "Datenschutz" is where we get our "information insurance" idea from. The possibility of information insurance is firmly connected to the idea of individual security. It's generally saved for a standard put forth that has more extensive objectives than simply safeguarding individuals' protection. Data security considers something beyond people's right to protection. Other, to some degree covering thoughts, for example, "opportunity," "freedom," and "independence," have additionally been refered to. Whether information insurance is a right is normally the main thing that strikes a chord when individuals contemplate this issue. The topic of how much these sorts of regulation ought to defend different kinds of associations and gatherings is turning out to be progressively squeezing.

There is boundless arrangement that this information insurance guideline ought to be applied to individual data. Legitimate protections for "information subjects," here stringently perceived to actually imply "living people," are likewise important for the law's domain. Since a company or restricted obligation business isn't an information subject, it has no legitimate remaining to request admittance to any records containing data about it. Consequently, the worth of experts on information assurance issues is thought of as problematic. The public authority, non-government association, or confidential resident who will guard it since it is their obligation to do as such. The two most significant parts of information security while managing non-state entertainers are, initial, a smaller importance in view of the contention that regulation ought to reach out to associations, especially more modest endeavors, since data about the association may in a roundabout way be data about the association's proprietors and regulators, and second, the capacity to forestall unapproved admittance to individual data. Second, from a bigger perspective, associations, similar to people, have lawful securities for individual information held about them.

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Different nations have sanctioned guidelines relating to the issue of information insurance. The Information Security Regulation in the European Association is well advanced.19 Individual data may just be gathered legally and for a legitimate reason as per European Association regulation. The individuals who approach your own information have an obligation to keep it secure and to maintain the rights of the information proprietors, which are safeguarded by EU regulation. The EU nations are very worried about the absence of nonexclusive security regulation in the US, which makes it profoundly impossible that the US will be found to give a suitable level of assurance. A colossal number of proposition in Congress managing security concerns shows the U.S. may keep on adopting a piecemeal strategy to protection regulation, notwithstanding exhausting endeavors in the organization pushing for security regulations covering such information.

3.1.DATA PROTECTION & INTELLECTUAL PROPERTY LAW

The possibility of information assurance is acquiring conspicuousness from one side of the planet to the other. At last, every nation will have regulation set up to forestall the abuse of residents' very own information. The German word "Datenschutz" is where we get our "information insurance" idea from. The possibility of information insurance is firmly connected to the idea of individual protection. It's generally held for a standard put forth that has more extensive objectives than simply safeguarding individuals' security. Data security considers something other than people's right to protection. Other, to some extent covering thoughts, for example, "opportunity," "freedom," and "independence," have additionally been refered to. Whether information security is a right is normally the main thing that strikes a chord when individuals contemplate this issue. The subject of how much these sorts of regulation ought to protect different kinds of associations and gatherings is turning out to be progressively squeezing.

There is far and wide understanding that this information assurance rule ought to be applied to individual data. Legitimate protections for "information subjects," here rigorously perceived to actually imply "living people," are additionally essential for the law's domain. Since a company or restricted risk business isn't an information subject, it has no legitimate remaining to request

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3.2.DATA PROTECTION & CONSUMER

The 'information security' issue is best made sense of with regards to the client's relationship with the organization. The Calcutta High Court governed for the situation Shakankarlal Agarrwalla v. State Bank of India that a broker has an obligation of secrecy. It is an inferred term of the agreement between a broker and his client under English regulation classified by Master Halsbury that the investor won't uncover to third individual without the express and suggested assent of the client either the condition of the client's record or any of his exchanges with the bank or any data's

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connecting with the client gained through the keeping of his record except if the bank is constrained to do as such by request of a court or the conditions warrant it. In this manner, the idea of propelling the broker client relationship should be supported.

On the other side, information security is undermined by online exchanges and is progressively being abused. The main issue is the way to appropriately assemble, store, confirm, and use data chipped in by web clients. BPO misrepresentation is particularly troubling, yet different types of extortion deserve of the IT Act.83 The connection between the client and the authority is exclusively liable for this present circumstance. This wouldn't occur if the significant power (here, the specialist co-op) had a strong security strategy set up. Sadly, the specialists doesn't appear to be worried about this kind of security strategy. Policing moreover liable to be uninformed about certain types of denial of basic freedoms. His 'right based approach' is the main way he can discover a sense of harmony with the touchy information insurance and security issues.

4. ANALYSIS, RESULTS AND DISCUSSION

The right prerequisite for Indian regulation can be surveyed by contrasting it with the law of created nations. Information changes in significance and utility relying upon the setting in which it will be utilized. Hence, we really want to characterize a few kinds of information with fluctuating levels of significance, much as the US has done. Furthermore, its prerequisites Act fundamentally manage information extraction, information annihilation, and so forth. It doesn't give sufficient insurance, organizations have depended on utilizing private agreements to guarantee the protection and classification of their clients' data. A similar lawful weight applies to these arrangements as it would to some other agreement. Our governing body has left a few lacunae in figuring out the bill of 2006, regardless of endeavors to have information security regulation as a different discipline. Albeit a more complete regulation is required now, this action has been arranged totally in the model of the UK's Information Security Act. It follows that a record drafted regarding the information insurance rules of the US would be more reasonable to the requirements of the present.

4.1.LEGAL CHALLENGES

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It is very difficult to guarantee security of protection rights in the Indian setting because of the shortfall of a decent security regulation model. Nonetheless, the public authority is using a couple of occurrence shields and intermediary regulation for security purposes. Article 21 of the Indian Constitution, the Data Technology Demonstration of 2000, the Indian Agreement Demonstration of 1872, the Indian Correctional Code, the Indian Copyright Act, the Purchaser Security Demonstration of 1986, the Particular Help Demonstration of 1963, and the Indian Message Act all offer aberrant help for protection worries in India.

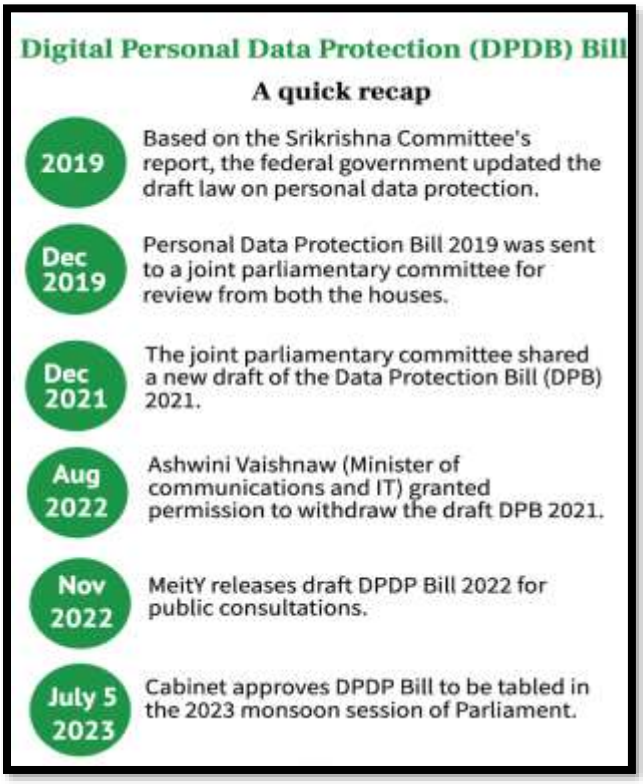

Figure 2: India's DPDB bill

The current privacy law framework in India has the following gaps:

- There is no convergence on the privacy issue, and there is still no comprehensive statute to address it.

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- There is no separation between what is considered public knowledge and what is considered private knowledge or sensitive knowledge.
- There is no governing structure that addresses issues of data and information ownership.
- There is no standard method for generating, processing, sending, and storing this data.
- There is no standard that defines what constitutes high-quality, proportional, or transparent data.
- There is no overarching framework to address the problem of information sharing across borders.

No nation or individual can afford to overlook the consequences of a legal loophole of this kind in the modern era of digital technology.

4.2.DIFFICULTIES POSED BY TECHNOLOGY

Because of globalization and the data and correspondences technology (ICT) unrest, data in India has taken on a totally different structure. It made information all the more promptly accessible, movable, and advantageous. Nowadays, it's significant for people, as well as organizations and state run administrations, to be adaptable and shrewd. Despite the fact that it has simplified our lives, faster, and further developed, it has additionally caused some surprising confusion and uncovered our confidential lives.

Biometrics (counting fingerprints, hand calculation, face, voice, iris, and keystroke acknowledgment), RFID, Savvy cards, Voice over Web Convention (VoIP), remote advances, area recognition innovations (counting GPS), information coordinating and information mining advances, reconnaissance advancements, and more could all affect a singular's right to protection.

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Figure 3: Technological challenges

PCs presently have the ability to store immense volumes of data, yet additionally to naturally order, concentrate, and think about that data. Data matching alludes to the data mining interaction of utilizing explicit data focuses or data designs as indicators of an objective quality. Data-matching is particularly perilous to individuals' security since it considers the mass examination of individual data with practically no doubt being justified. At the point when outside organizations, for example, BPOs are responsible for keeping up with data distribution centers, this field takes on significantly more importance. Assuming we're doing nothing out of sorts right now of observation, security safeguards us from maltreatments by individuals in power, as per security master Bruce Schneier. "There is no such thing as security; "Protection is dead - deal with it," say a few Webs security and protection specialists. Treats and webpage lumberjacks are just two instances of how the ascent of the web has debilitated the security of touchy data.

5. CONCLUSION

India has improved its data protection and privacy standards through the implementation of a number of different laws and policies. The study's most important results concerning the security of personal information in India are:

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- The Indian legal-policy framework guarantees a level of confidentiality and privacy for personal information by protecting individual rights to privacy and property.
- Data protection and privacy are covered by a wide variety of Indian legislation. The Indian Penal Code from 1860, the Indian Contract Act from 1872, the Copyright Act from 1957, and the Information Technology Act from 2000 are all examples of such legislation.
- India has enacted privacy regulations for organizations to follow when handling customer information.
- India does not have a unified legal-policy framework that specifically addresses data protection and privacy.
- Existing Indian laws do not provide sufficient sanctions to dissuade cybercriminals.
- The Indian government and state-owned businesses are the primary targets of the current legal framework.
- Finer elements of data protection and privacy are not addressed by the current Indian regulations. For instance, the Copyright Act of 1957 does not differentiate between data protection and database protection.

India's legal and policy framework for protecting personal information and privacy has obvious flaws. In terms of economic growth, India appears to be performing better than China but not as well as countries like Australia.

REFERENCES

1. *Accessed October 21, 2016, http://www.dataquick.com/wp-content/uploads/2013/02/GLB-outline.pdf.*
2. *Bagdia, P. R., &Ranjan, P. (2021). Data regulation: a comparative analysis of Indian data protection bill and GDPR.*
3. *Clutch (2015). Top Outsourcing countries. URL: https://clutch.co/top-outsourcing-countries (Last accessed on: 2 ndDecember 2018).*
4. *Dla Piper (2014). Data Protection Laws of the World. pp. 20-24. URL: http://www.dlapiperdataprotection.com/system/modu*

ISSN: 2320-3714
Volume:3 Issue:3
September 2023
Impact Factor: 10.2
Subject: Computer Science

les/za.co.heliosdesign.dla.lotw/functions/export.pdf?country=all (Last accessed on: 4 thDecember 2018).

5. *Dla Piper (2014a) Data Protection Laws of the World. pp. 20-24. URL: http://www.dlapiperdataprotection.com/system/modu les/za.co.heliosdesign.dla.lotw/functions/export.pdf?country=all (Last accessed on: 5 th December 2018)*
6. *Dla Piper (2014b), Data Protection Laws of the World. pp. 160-164. URL: http://www.dlapiperdataprotection.com/system/modu les/za.co.heliosdesign.dla.lotw/functions/export.pdf?country=all (Last accessed on: 6th December 2018).*
7. *Dla Piper (2014c). Data Protection Laws of the World. pp. 69-74. URL: http://www.dlapiperdataprotection.com/system/modu les/za.co.heliosdesign.dla.lotw/functions/export.pdf?country=all (Last accessed on: 7 th December 2018)*
8. *Forrester Research (2013). Privacy and Data Protection by Country. URL: http://heatmap.forrestertools.com/ (Last accessed on: 7 th December 2018).*
9. *George, B.C. and Gaut, D.R. (2006). Offshore Outsourcing to India by U.S. and E.U. Companies: Legal and Cross-Cultural Issues that Affect Data Privacy Regulation in Business Process Outsourcing. URL: http://blj.ucdavis.edu/archives/vol-6-no2/offshore-outsourcing-to-india.html (Last accessed on: 7th December 2018).*
10. *Indian Copyright Act (1957). URL: http://copyright.gov.in/documents/copyrightrules1957.pdf (Last accessed on: 7thNovember 2018).*
11. *Jani, N. (2013). Article 21 of the Constitution of India and Right to Livelihood. Voice of Research, Volume 2, Issue 2, September 2013, ISSN No. 2277- 7733.*
12. *Law Commission of India (1997). One Hundred Fifty-Sixth Report on The Indian Penal Code,Volume II, August 1997. URL: http://lawcommissionofindia.nic.in/101-169/Report156Vol2.pdf (Last accessed on: 27th November 2018).*

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Subject: Computer Science

13. *Maria GraziaPorcedda"Data Protection and The Prevention Of Cybercrime: The Eu As An Area Of Security? European University Institute, Florence Department of Law," Accessed October 21, 2016, http://ssrn.com/abstract=2169340.*
14. *Prasad M, D., &Menon C, S. (2020). The Personal Data Protection Bill, 2018: India's regulatory journey towards a comprehensive data protection law. International Journal of Law and Information Technology, 28(1), 1-19.*
15. *PRIVACY AND HUMAN RIGHTS http://gilc.org/privacy/survey/intro.html.*
16. *Privacy-Enhancing Technologies—approaches and development http://www.sciencedirect.com/.*
17. *Singh, R. G., &Ruj, S. (2020). A Technical Look At The Indian Personal Data Protection Bill. arXiv preprint arXiv:2005.13812.*
18. *Supra Note 10. 70 THE COPYRIGHT(AMENDMENT)ACT,20l2, Accessed October 21, 2016 http://www.wipo.int/edocs/lexdocs/laws/en/in/in066en.pdf.*
19. *VaishaliSharma,"YouHaveZeroPrivacy,GetOverIt:(DataProtectionLawInIndia, Analyzed In A Comparative Framework)", Accessed October 21, 2016, http://thegiga.in/LinkClick.aspx?fileticket=4I_C-RPOQMg%3D&tabid=589 .*
20. *Yadav, D. A., & Yadav, G. (2021). Data protection in India in reference to personal data protection bill 2019 and IT act 2000. Int. Adv. Res. J. Sci. Eng. Technol, 8(8).*

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