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Data Privacy vs. Data Security: What is the Core Difference?

The author, Dillon Phillips, starts by explaining the differences between security and privacy, and how they are connected. He explains that security is the act of using various techniques to protect user data, while privacy is informing the user of how their data will be used and who it will be shared with. In the author’s own words, “security protects data, and privacy protects identity” (Phillips).

The author then lists some laws that designate a security minimum and explain how the privacy of some kinds of data should be handled. A law he mentions include the payment card industry data security standard which is are rules which dictate how the sensitive data within various cards use for payments should be protected and standardizes them (Phillips). Another law he mentions is the European Union’s general data protection regulation which dictates whose and what type of data should be protected and how (Phillips). Then he mentions the Californian equivalent of the EU’s general data protection regulation called the California consumer privacy act which also dictate whose and what type of data should be protected and how (Phillips). Finally, he describes an American health privacy law called the health insurance portability and accountability act which only describes what data need to be protected because of how broad the data is, this law does not describe how the data should be protected (Phillips).

At the end, the author mentions a technique called “tokenization” which can satisfy both the security and privacy concerns. This is because tokenization pseudonymizes data making it so in the cases of both a data breach and data theft, the data is unreadable.

Works Cited

Phillips, Dillon. “Data Privacy vs. Data Security: What Is the Core Difference?” *Secure Any Sensitive Data Element*, 7 July 2020, https://www.tokenex.com/blog/data-privacy-vs-security.