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8-2 Cyber Playbook

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Data Security



The *data security* knowledge area focuses on the security of data, demonstrating how data is protected and maintained as identified throughout the phases of the security triad: confidentiality, integrity, and availability. Data security also considers the roles, responsibilities, and accountability of organizational personnel. In addition to the physical and logical aspects of protecting data, who is held accountable for these protections being implemented and maintained. For the stewards of data, how is data best managed to prevent the loss of any phase of the security triad?

I chose data security because I know it's something that will always be important, regardless of my career path within cybersecurity. Protecting sensitive information is at the core of almost every security practice, whether it's personal data, company records, or even national security. For me, this topic feels the most valuable because it ties into everything—keeping systems safe, maintaining trust, and preventing major losses in the event of an incident. It's also something I can carry into the future since every organization will always need strong data security in place.