

Question 1: Explain the fundamental concepts of data privacy and why they are crucial in today's digital landscape. What are some key principles and regulations that govern data privacy, and how do they impact organizations and individuals?

Answer: Data privacy is essential to business, organizations and even people. It is crucial to practice data privacy in the current landscape due to the profitability of a threat actor can make from stealing data. Key principals include data governance, data stewards, data custodians and data privacy officers. Data owner is a senior executive role responsible for maintaining CIA for the information asset. Data governance is responsible for the security controls that will be applied to protect data at each stage of its life.

Question 2: Discuss the concept of Personally Identifiable Information (PII) and its significance in data protection. What types of information are considered PII, and why is it essential for organizations to safeguard PII effectively? Provide an example scenario where the mishandling of PII led to a data privacy incident.

Answer: PII is information that is personal to a person such as, social security number, phone number, address, etc. This information needs to be protected so that there is a minimized risk for attacks such as identity theft. An example would be someone intaking a patient for sick call, writing down that patient social security number and name, someone walks by and picks up that information and opens a loan with that persons PII.