Cyber Security

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Research Questions

1.Organizations often choose between adopting a formal standard like ISO/IEC 27001 or a flexible guideline like the NIST Cybersecurity Framework.

Analyze the strengths and weaknesses of each approach and recommend which one would be more suitable for a medium-sized financial institution. Provide justification for your answer.

2.The CIS Controls are described as “actionable and prioritized.”

Critically evaluate whether this makes the CIS Controls more effective for small businesses than large enterprises. Support your argument with three well-reasoned points.

6.Compare the focus areas of GDPR and HIPAA, and evaluate how each regulation influences the design of an organization’s data protection processes. Provide concrete examples in your analysis.

3.The NIST Cybersecurity Framework consists of functions such as Identify, Protect, Detect, Respond, and Recover.

Critically analyze how each of these functions contributes to reducing cybersecurity risk, and illustrate your explanation with a practical case scenario.

4.Frameworks and standards aim to enhance an organization’s security posture.

Analyze the relationship between framework adoption, compliance, and real-world security outcomes, explaining why organizations may still fail despite following standards.

Good Luck!!!