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Professor Duvall

The Human Factor is Cybersecurity

BLUF: In the assignment, I will discuss how to balance some of the cybersecurity responsibilities that the CISO has.

Allocating the Funds

As the CISO, I would train my employees with 60% of the budget and start awareness programs. The other 40% would go to the cybersecurity technology itself. Cybersecurity is not only a technological challenge but a human one as well.

My Reasoning

Advanced Cybersecurity tools are essential, but most leaks and breaches are caused by human error. Phishing, weak passwords, and planned attacks are all ways to access our sensitive data. Investing in constant training for employees improves their security awareness and motivates them to respond to threats more proactively. Investments in technology would focus on human vigilance. Tools like email filtering, endpoint detection, and behavior analytics. These tools act as a safety net for our data, but without trained users, these tools could easily be bypassed.

Conclusion

A constant training system for employees is essential for not only preparing them for the job but also protecting the data of the company and our customers. The technology we use to protect the data is almost just as important as our employees, but even the best tech can be misused if

not for competent employees that protect the data. The best strategy is balance, improving technology while strengthening the human firewall.