

## 100 Days Challenge

### Day 2 Challenge 2

#### EVOLUTION OF SECURITY OVER THE YEARS

Security has evolved significantly over time, transitioning from rudimentary physical protections to sophisticated digital safeguards. In ancient societies, security relied on physical barriers and vigilant guards to protect communities from external threats. As civilizations advanced, so did security measures, incorporating architectural innovations like fortified walls and advanced surveillance systems. With the advent of technology, security entered a new era, where digital encryption, cybersecurity protocols, and automated threat detection became central. Today, security not only encompasses physical and digital realms but also integrates predictive analytics and artificial intelligence to preemptively address potential risks, reflecting a continual progression from reactive to proactive measures in safeguarding assets and information.

The evolution of cybersecurity has mirrored the rapid advancement of technology, transitioning from simple password protection to complex, multi-layered defense systems. Early cybersecurity efforts were focused on basic access controls and antivirus software to combat nascent computer viruses. As the internet expanded and cyber threats grew more sophisticated, so did defense mechanisms, incorporating advanced firewalls, intrusion detection systems, and encryption protocols. The rise of cybercrime and data breaches spurred the development of proactive strategies, including threat intelligence, behavioral analytics, and artificial intelligence, aimed at predicting and neutralizing threats before they materialize. Today, cybersecurity is a dynamic field, continually adapting to emerging threats and technological innovations to protect sensitive information and maintain digital integrity.