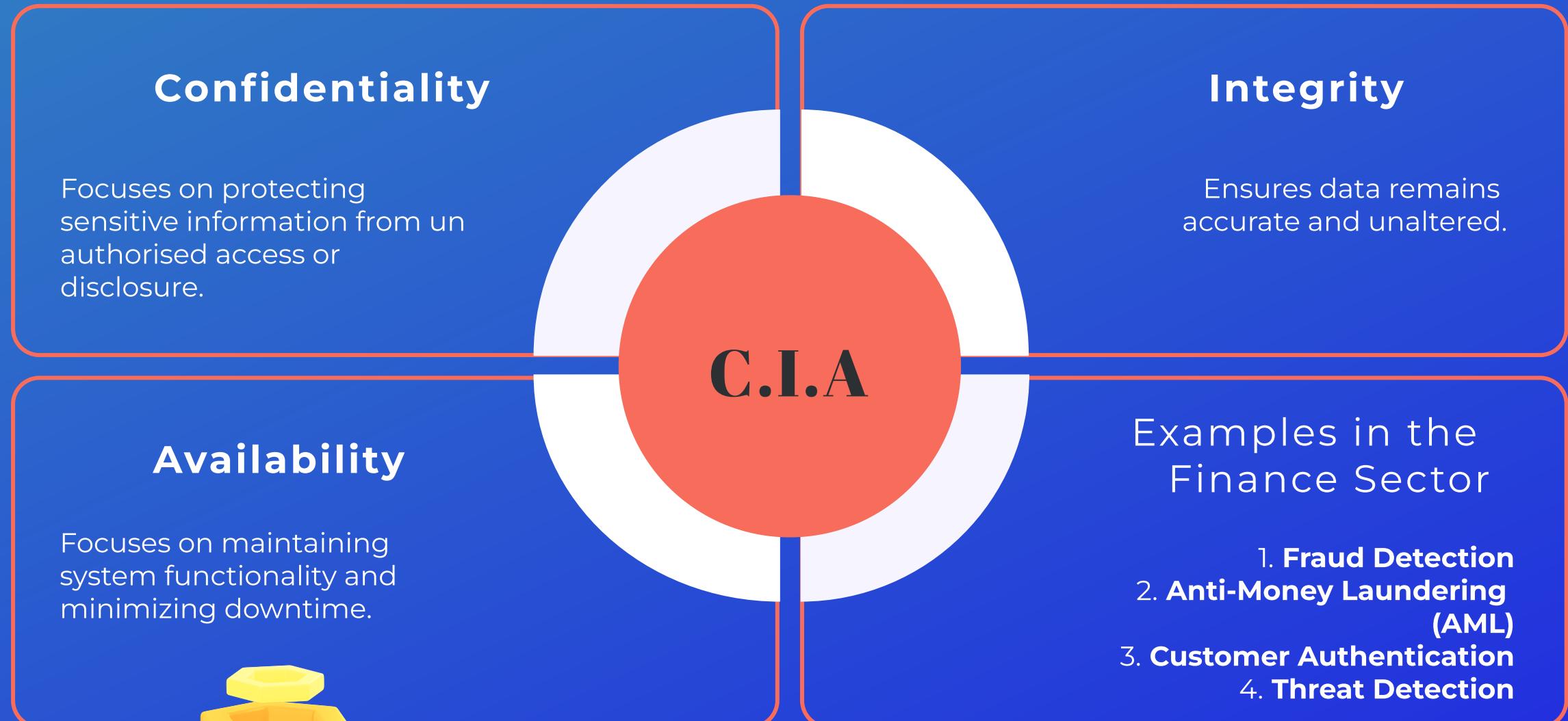


Capstone Project

Guardians of the Vault :

AI-BASED CYBERSECURITY IN FINANCE





Five Essential Pillars

- 
- Identity
 - Protect
 - Detect
 - Respond
 - Recover

Incident Response



Case Study | Banks and Financial Institutions

Case Study – Malaysian Bank

This financial institution was seeking compliance to Risk Management in Technology guidelines from their Central Bank. This is required of all financial institutions in that jurisdiction. The targeted timeline for delivery was 6 weeks.

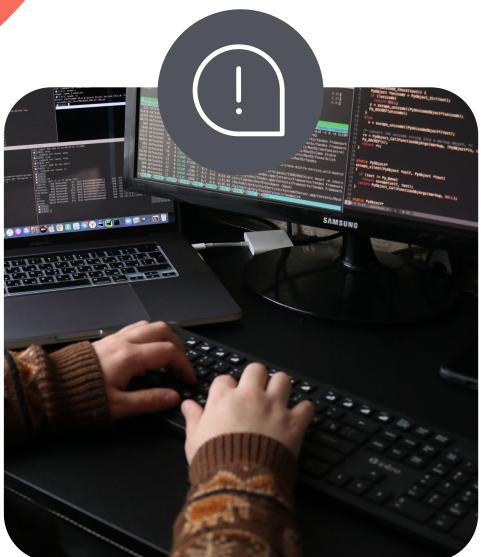
- Cybots provided Compromise Assessment services to evaluate the situation
- Cybots deployed AI to review all 5,000+ machines in 6 weeks and found an additional 2,000+ machines through Shadow IT
- AI unveiled in 6 weeks that more than 10% of their machines were infected
- An AI enabled Incident Response Plan was generated in one day

Tight Timeline Requirement for Delivery Within 6 Weeks!

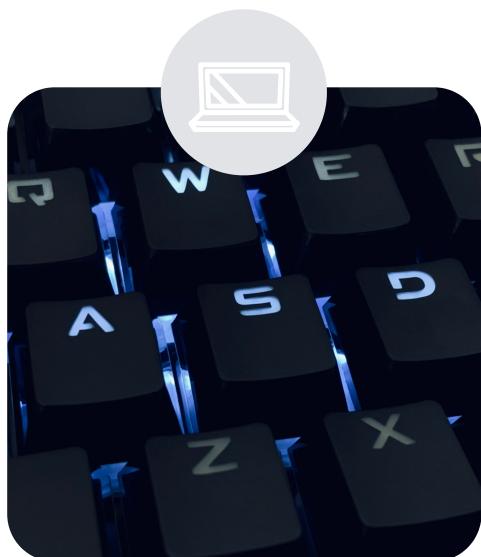
The Deployment of AI Unveiled a High (>10%) Number of Infected Machines

AI Threats

How to deal with dynamic hackers



New hacking methods
(bots, phishing, ransomware)

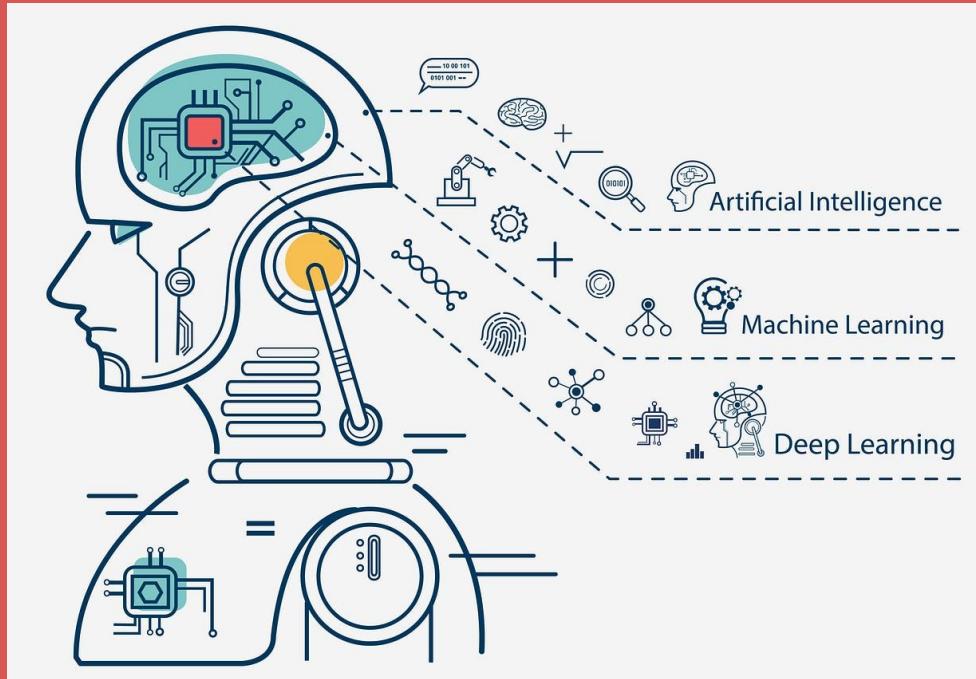


Hindsight hacking
opportunities



Breach of data

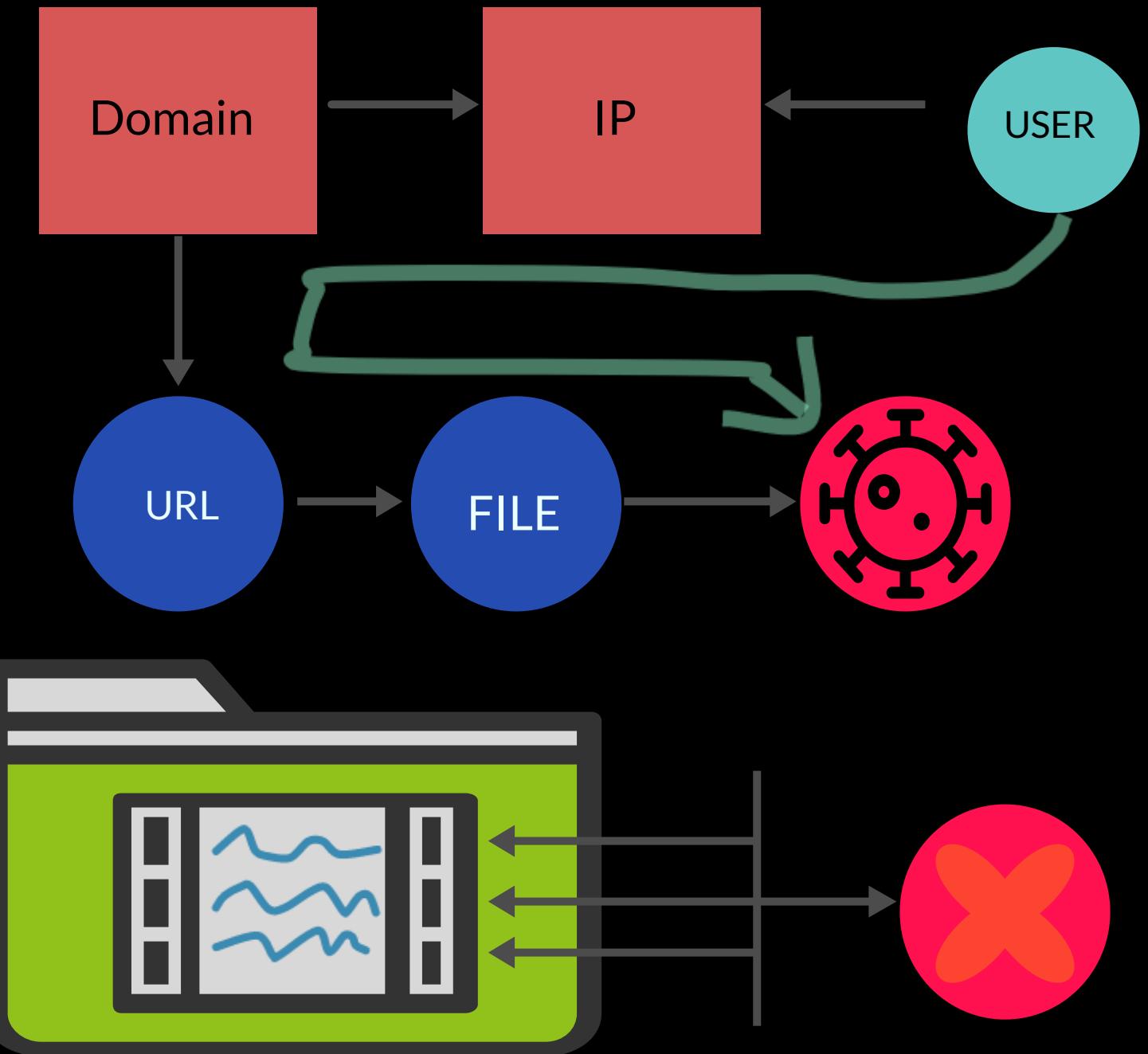
Is AI our hope?



Security AI and Automation Solutions



- INVESTIGATE
- IDENTIFY
- REPORT
- RESEARCH



shoutout

- ChatGPT
- Google
- IBM
- Cybots
- CSA
- The Strait Times
- insight.thomsonreuters
- Abnormal Security
- F5
- Mandiant
- UpGuard
- Synk
- Vertical Institute!

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