# Week 2 → Cybersecurity Capstone: Breach Response.

# Phishing Scams.

## Types of Phishing

Phishing

Spear-phishing

Whaling

## Top 10 Spoofed Brands

→ Google
→ YouTube
→ Apple
→ Amazon
→ Spotify

→ Netflix
→ Microsoft.

Woah Hackers use HTTPS →
against the
intention of it.

# Phishing Emails

→ Suspicious senders address

→ Generic greetings & signatures

→ Spoofed Hyperlinks and
websites

→ spells and layout

→ Suspicious attachment.

## Impact of Phishing?

The nature of Phishing itself has changed, moving far beyond "traditional phishing for usernames, passwords, and credit card numbers. via fraudulent websites, and into more sophisticated cybercrime attacks that mount advanced Persistent threats against organizations and steal individuals financial identities with devastating consequences for both users and organizations.

# Impact

-> The average financial cost of a data breach is $3.86m (IBM)

-> RFC scams accounted for over $12

Billion in loses (FBI)

→ Phishing account for 90% of data Breach.

→ Phishing attempts have grown 65% in the last year.

→ 15% of people successfully Phished will be targeted at least one more time within the years.

→ 76% of businesses reported being a victim of phishing attack in the last year.

→ 30% of Phishing messages get opened by targeted users

(version)

Identity Theft high

→ Credit Card Theft

→ Lend or Lease Fraud

→ Bank Fraud.

Vulnerabilities...

Even tech giants like Google
and Facebook were susceptible
to a targeted phishing Attack...

⌐→ Spear Phishing

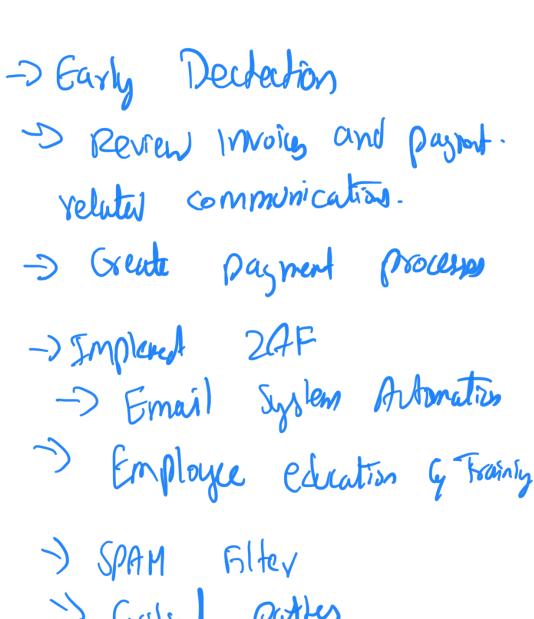⌐→ Systems → Privilege Escalation &
ByPass UAC.

⌐→ Deploy Malware.

⌐ People that say

↳ Delayed Response-

→ 100 Million payments was
taken from FB and Google
due to lack of Detection

2015 Scam took

$98 million from Facebook

$23 million from Google

↳ They have recovered the money

↳ and the attacker was
sentenced to 30 years in July
2019.

Prevention

→ Early Dectection

→ Review Invoices and payment. related communications.

→ Create payment processes

→ Implemet 2AF

→ Email System Automation

→ Employee education & Training

→ SPAM Filter

→ Critical patches

→ Antivirus

→ Encryption

# Point of Sale

The main objective of critical

The Main Objective of point of Sale Breach is to steal your 16-Digit Credit Card No.--

# POS Security .. PCI DSS.

1.) Build and Maintain a secure Network and System.
2.) Protect Card Holder Data
3.) Maintain Vulnerability management program
4.) Implement strong Access control measures
5.) Regularly Monitor and test Networks
6.) Maintain a IS Policy.