

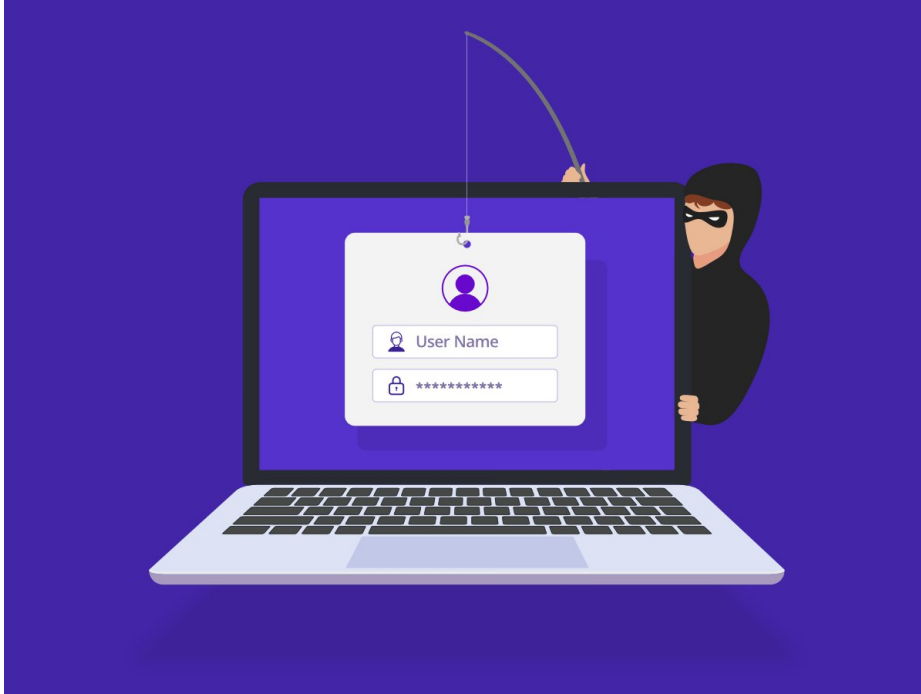


# Protecting Yourself from Phishing Attacks

Recognizing and Avoiding Phishing Emails, Websites, and Social Engineering Tactics

Mohamed Essam 7/14/2024

# Introduction



- Phishing is a type of cyber attack.
- Involves tricking individuals into revealing sensitive information.
- Importance of Phishing Awareness.

# Types of Phishing Attacks



## **Social Engineering**

Manipulating individuals to divulge confidential information

Examples: Impersonation, emotional manipulation.



## **Email Phishing**

Deceptive emails to extract information

Examples: Fake security alerts, account verification requests.

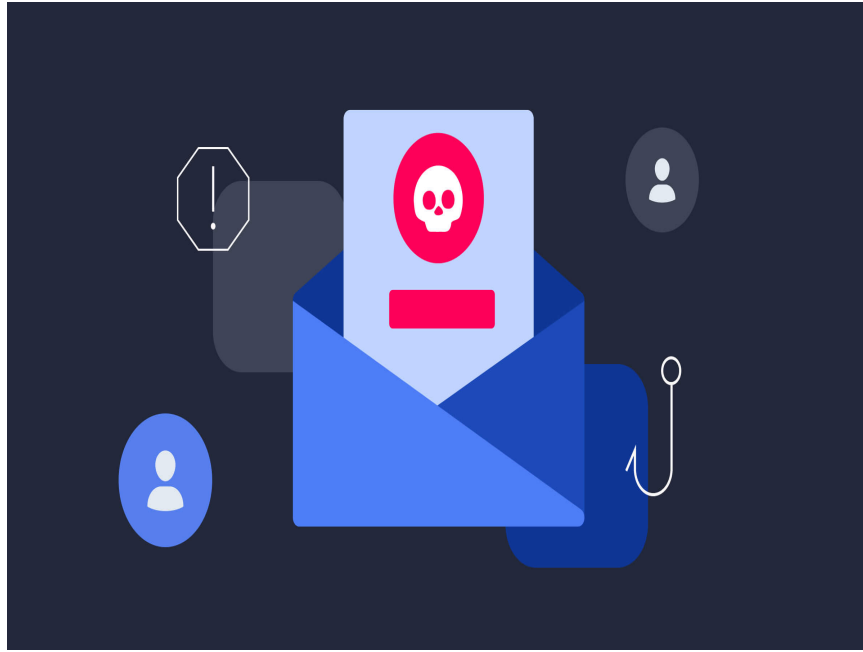


## **Website Phishing**

Fraudulent websites imitating legitimate ones.

Examples: Fake login pages, malicious websites.

# Common Characteristics of Phishing Attempts



- Urgency: Creating a sense of immediate action.
- Unexpected Emails: Receiving unsolicited emails.
- Suspicious Links: Hover over links to preview URLs
- Requests for Personal Information: Be cautious.

# Recognizing Phishing Emails



# Recognizing Phishing Websites



# Social Engineering Tactics



# Protecting Personal Information



**Never Share Passwords via Email.**

**Use Two-Factor Authentication.**



**Verify Requests for Sensitive Information.**

**Be Cautious with Personal Information Sharing.**





# Case Studies



## **Executive Impersonation for Sensitive Data:**

Attack: Cybercriminals posed as high-level executives, requesting sensitive data from employees under the guise of urgent projects.

Impact: Confidential company information was exposed

## **Lessons Learned:**

Communication Protocols: Define and enforce clear communication protocols for sensitive information requests, including verification measures.

Role-Based Training: Tailor phishing awareness training to different roles within the organization, emphasizing the potential for targeted attacks.

# Best Practices for Avoiding Phishing



1

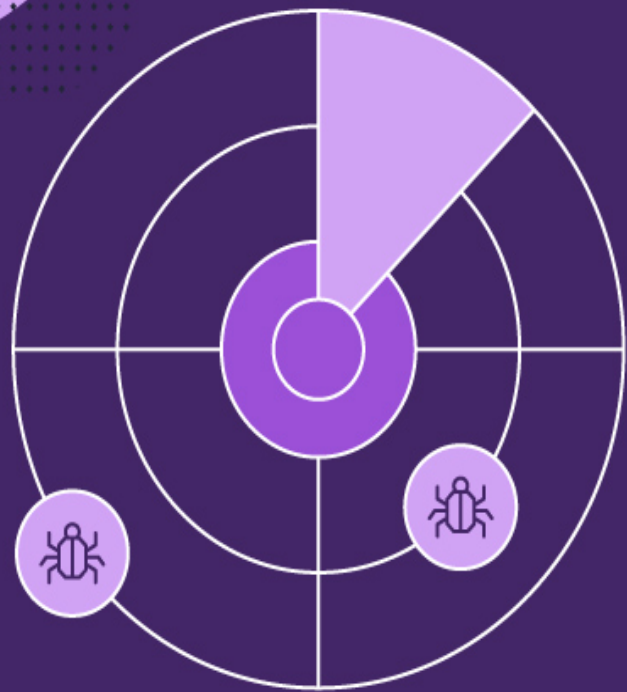
Keep Software Updated and Use Security Software.

2

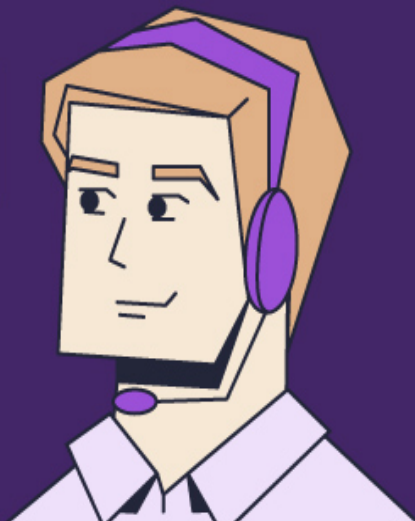
Educate and Train Employees.

3

Regularly Backup Important Data.



# Q&A



# Thank You

I appreciate your time and engagement  
in today's presentation on protecting  
against phishing attacks.