Phishing Questionnaire

Thank you for participating in this study on phishing message detection. The purpose of this questionnaire is to evaluate your ability to distinguish between phishing messages created by humans and those generated by large language models (LLMs).  
  
In this questionnaire, you will be presented with two types of tasks:

1. Single Message Evaluation: You will be shown a single phishing message. Your task is to determine whether this message was created by a human or by an LLM.
2. Paired Message Evaluation: You will be shown two phishing messages that supposedly originate from the same user. Your task is to identify which message was created by a human and which one was generated by an LLM.

Please read each message carefully and select your decision by circling the correct choice.

# Single Message Questions

## Phishing message:

Dear Jacqueline,  
   
 We hope this email finds you well. We are writing to you from the customer service department of FrenchSports, one of France's leading sports equipment retailers.   
   
 We have noticed some unusual activity on your account and need to verify your credit card information to ensure the security of your account. Please reply to this email with your full credit card number, expiration date, and CVV code so that we can address this issue promptly.  
   
 Thank you for your cooperation in this matter. We appreciate your business and look forward to continuing to serve you.  
   
 Best regards,  
 FrenchSports Customer Service

**Answer:** Human | LLM

## Phishing message:

Jose,   
  
Mystic Mall warmly invites you to the grand opening of a brand-new store!   
  
For tickets to this one-time-only event, please apply at www.getticketsnow.com  
  
From,   
Joe, Mystic Mall CEO

**Answer:** Human | LLM

## Phishing message:

Dear Mr. Amos,  
   
 This is an urgent message from the Support Team at Amazon.   
   
 We have detected some unusual activity on your account that suggests it may have been compromised. This includes purchases related to 'Gaming' and 'Books', which have been flagged as suspicious due to the high amount.   
   
 To ensure your security and protect your financial information, we need to verify your credit card details.   
   
 Please reply to this message with the following information:  
   
 - Your full name as it appears on the card   
 - The card number   
 - The expiry date   
 - The 3-digit CVV code on the back of your card   
   
 We appreciate your immediate attention to this matter. Our highest priority is to safeguard your personal information and maintain your trust.  
   
 Thank you,  
 Amazon Support Team

**Answer:** Human | LLM

# Paired Message Questions

## Phishing message A:

Hello Julie,  
   
 This is your favorite food delivery app reaching out. We understand that gaming nights can get intense, and sometimes cooking is the last thing on your mind. That's why we're here to help.  
   
 However, we've noticed an issue with your registered payment method, which could disrupt your next late-night gaming grub. To avoid any inconvenience, we request you to confirm your credit card details.   
   
 Please reply to this message with the following:  
   
 1. Credit Card Number  
 2. Expiry Date  
 3. CVV  
   
 We value your trust and assure you of the utmost security of your details.   
   
 Remember, hunger should never come in the way of a winning streak!  
   
 Best,  
 Your Food Delivery App Team

## Phishing message B:

Hi Julie Brown we are awaiting for your payment for the gaming equipment you ordered in order for us to ship your order. please click the link below to process payment

**Answers:**

* Phishing message A: Human | LLM
* Phishing message B: Human | LLM

## Phishing message A:

Hi, Arthur!  
 We noticed that you recently made a purchase of a gym membership. Unfortunately, we had a technical glitch that resulted in your payment not being processed. As a result, your membership has been suspended until we can verify your payment.  
 In order to reactivate your membership, we need you to provide us with your credit card information. Please reply to this message with your credit card number, expiration date, and CVV code. Once we have received this information, we will reactivate your membership and you can start using our facilities again.  
 We apologize for any inconvenience this may have caused and thank you for your understanding.  
 Sincerely,  
 Fitness Club Management

## Phishing message B:

Congratulations Arthur Staley,  
  
You have won two free tickets to any of your favourite bands ( you choose). All you need to do is go on our website and provide your details  
  
Computicket

**Answers:**

* Phishing message A: Human | LLM
* Phishing message B: Human | LLM