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:

Greetings Mr Liddle  
You won the lottery for the new exhibition at the Chengam Art Museum!!  
Awsome!  
You can redeem your winnings by replying to this message with your full name, address and credit card information.  
The benefit is valid until September 13, 2024.

**Answer:** Human | LLM

## Phishing message:

Hello Kellie,  
 We noticed some suspicious activity on your account. To keep your account secure, we need to verify your information. Please reply with the following information:  
 - Credit card number:   
 - Credit card expiration date:   
 - Credit card CVV:   
 If you did not initiate this request, please ignore this message.  
 Thank you for your cooperation.  
 Best regards,  
 Novokuybyshevsk Bank

**Answer:** Human | LLM

# Paired Message Questions

## Phishing message A:

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

## Phishing message B:

Hi Carol!  
  
Thank you for connecting with me on the gaming platform, it means a lot to be able to connect with other girls who are into gaming as much as me!   
Please confirm my request on the link below!

**Answers:**

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

## Phishing message A:

Dear Daniel,  
   
 We hope this message finds you well. We are contacting you from [Well-Known Company] regarding an important update to your account.  
   
 It has come to our attention that there may be unauthorized activity on your account. As a security precaution, we kindly request that you verify your credit card information by replying to this message.  
   
 Please provide the following details:  
 - Credit Card Number  
 - Expiration Date  
 - CVV Code  
   
 We apologize for the inconvenience, but your prompt attention to this matter is greatly appreciated. Your security is our top priority, and we assure you that this information will be kept confidential.  
   
 Thank you for your cooperation.  
   
 Sincerely,  
 [Well-Known Company] Customer Support

## Phishing message B:

Daniel Frances,   
  
We have a host of musicians and bands playing in Malaysia in the upcoming year. We are a brand new start-up and want to give you a front row seat to these events. Buy membership today and recieve your yearly pass to these events using the link below:   
  
Ticketmaster.

**Answers:**

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

## Phishing message A:

Dear Teresa  
  
Your Bitcon wallet has been credited with 10000 yens. making the total amount available to to be 1 million yens. kindly login with the details below to confirm your bitcoin balance.   
  
Click link below to check balance  
www.bitconbalance.com  
  
Ensure to confirm in 24 hours   
  
Kind regards   
  
FTX Trading LTD

## Phishing message B:

Subject: Attention Required for Your Finance Portfolio  
   
 Dear Teresa Brown,  
   
 We hope this message finds you well. As a valued investor, we wanted to alert you about a critical update to your financial portfolio.  
   
 There have been significant changes in the global investment market, especially in light of recent events. Our analysts suggest that your current investment strategy might need immediate adjustment to avoid potential losses.   
   
 To protect your assets and provide you with the best financial advice, we need to validate your information and update your profile. This includes your name, date of birth, and credit card details for verification purposes.   
   
 Please reply to this email with the above information at your earliest convenience. Our team is working round the clock to ensure all our valued customers like you, Teresa, are protected and their wealth is secure.  
   
 Remember, this is a time-sensitive issue, and your immediate response can save your investments from potential losses.   
   
 Thank you for your prompt attention to this matter.  
   
 Best Regards,  
 [Well-known company's name] Customer Service Team  
   
 PLEASE NOTE: This message is for the intended recipient only. If you are not the intended recipient, please delete this message and notify the sender."

**Answers:**

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