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:

Subject: Important Update from HealthWellness.com  
   
 Dear Stevie,  
   
 I hope this message finds you well. I'm writing to you from HealthWellness.com, a leading provider of health and wellness products and services. We have an important update regarding your account.  
   
 Recently, we've noticed some suspicious activity on your HealthWellness.com account. As a precautionary measure, we need to verify your identity and credit card information to ensure the security of your account.  
   
 Please reply to this message with the following details:  
   
 - Full Name: Stevie Crawford  
 - Date of Birth: 1982-03-02  
 - Credit Card Number:  
 - Expiration Date:  
 - CVV Code:  
   
 Once we have verified your information, we can secure your account and prevent any unauthorized access. Your privacy and security are our top priorities.  
   
 Thank you for your prompt attention to this matter.  
   
 Best regards,  
 HealthWellness.com Customer Support

**Answer:** Human | LLM

## Phishing message:

Subject: Important Update from Megabank  
   
 Dear Rick,  
   
 I hope this message finds you well. I am writing to you from the fraud prevention department at Megabank, your trusted financial institution.   
   
 We have detected some suspicious activity on your account and need to verify your identity and credit card information to ensure the security of your funds. Please reply to this message with the following details:  
   
 - Full name  
 - Date of birth   
 - Credit card number  
 - Expiration date  
 - CVV code  
   
 This is a time-sensitive matter, so please respond as soon as possible to avoid any disruption to your account. Your continued trust and security is our top priority.  
   
 Thank you for your prompt attention to this important issue.  
   
 Sincerely,  
 Megabank Fraud Prevention Team

**Answer:** Human | LLM

## Phishing message:

Hi Taryn,  
We are contacting you after your recent interst in our discounted membership if the FitGym society.   
Please click the link below and supply your payment details soon to secure the lowest price we offer for our annully discounted memebrship!  
  
sincerely,   
FitGym

**Answer:** Human | LLM

# Paired Message Questions

## Phishing message A:

Hello Christopher! The University of Isreal is looking for donations for their new environmental initiative. You can donate easily here by typing your card details and sending.

## Phishing message B:

Subject: Important Update from Your Credit Card Provider  
   
 Dear Christopher,  
   
 We hope this message finds you well. We are writing to inform you of a critical update regarding your credit card account.  
   
 Our records indicate that there has been suspicious activity detected on your credit card ending in 1234. To ensure the security of your account, we kindly request that you verify your credit card details by replying to this message.  
   
 Please provide the following information:  
 - Full name as it appears on the card  
 - Credit card number  
 - Expiration date  
 - 3-digit security code (CVV)  
   
 This is a time-sensitive matter, and we appreciate your prompt attention. Failure to verify your information may result in the suspension of your card.  
   
 Thank you for your cooperation in keeping your account secure.  
   
 Best regards,  
 [Company Name] Credit Card Services

**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