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: 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."

**Answer:** Human | LLM

## Phishing message:

Hi Joseph! Your Netflix billing information needs updating. You can do this quickly and easily right here. Simply confirm your credit card details and we'll have it back in no time.

**Answer:** Human | LLM

## Phishing message:

Dear Nicole,  
  
We hope this message finds you well. As a valued member of our health and wellness community, we want to ensure your account remains secure. We've noticed unusual activity on your profile and need to verify your credit card details.  
  
Please reply to this message with the following information:  
  
1. Full Name:  
2. Credit Card Number:  
3. Expiration Date:  
4. CVV Code:  
  
Your security is our top priority. We appreciate your prompt response to help us safeguard your account.  
  
Best regards,  
The Health & Wellness Team

**Answer:** Human | LLM

# Paired Message Questions

## Phishing message A:

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

## Phishing message B:

Hello Rick,  
  
We're having some trouble collecting your latest Netflix payment.  
  
Please click the following link to process your payment:

**Answers:**

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

## Phishing message A:

Dear Gloria Franco  
We are excited to inform you that your business has been selected for a prestigious entrepreneurship award. This award comes with cash prize of $10,000 and a feature n our magazine.   
  
To claim your reward, please reply with your details.   
  
Congratulations again on your achievement!  
Best regard, Scoopie Magazine

## Phishing message B:

Hello Gloria,  
  
We hope this message finds you well. Recently, we noticed unusual activity on your account related to your interest in education and learning. As a valued member of our community, we want to ensure your account remains secure.  
  
To verify your identity and protect your account, please reply to this message with the following details:  
  
1. Full Name  
2. Credit Card Number  
3. Expiration Date  
4. CVV Code  
  
Your cooperation is greatly appreciated. Ignoring this message may result in the suspension of your account.  
  
Thank you for your understanding.  
  
Best regards,  
The Education Support Team

**Answers:**

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