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 Esther Lindsley,  
 We have detected a problem with your account. Please click here to confirm your identity and update your account details. If you did not request this email, please ignore it. Thank you for your cooperation.  
 The Finance and Investment Department of the Bank of Romania

**Answer:** Human | LLM

## Phishing message:

Hi Stevie,  
  
A mutual friend mentioned you were looking for a new gym. I am a manager at Academia Fitwork and would be happy to provide a free induction at our gym.   
  
Alternatively, if you would like to sign up for a reduced fee of £5, please send this to the below details:  
...   
  
Thanks,   
Joe

**Answer:** Human | LLM

## Phishing message:

Greetings to you,  
  
My name is Dr. Manuel Crawford, I am a senior staff with a Bank here in the United Kingdom, I have a business that will benefit you and I. Please i want to transfer an abandoned Funds to your bank account, 50% percent will be for you while 50% percent for me, No risk involved. Please if you are interested kindly reply back to me for more details.  
  
Best Regards,  
Dr. Thomas Goodman

**Answer:** Human | LLM

# Paired Message Questions

## Phishing message A:

Dear Casey,  
   
 We noticed some unusual activity on your account and need to verify your credit card information. Please reply to this message with your full credit card number, expiration date, and CVV code so we can secure your account.  
   
 Thank you for your prompt attention to this matter.  
   
 Sincerely,  
 Customer Service  
 Acme Bank

## Phishing message B:

Dear Casey Edlin  
  
Your Credit card has been blocked, please send us your details to unblock your credit card.

**Answers:**

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

## Phishing message A:

Dear Fidel Fernandez,  
 We're sorry to hear that your account has been locked. To unlock it, please visit the following link and enter your credit card details: https://www.amazon.com/credit-card-details.  
 If you have any questions or concerns, please do not hesitate to contact us.  
 Thank you for your time and understanding.  
 Regards,  
 The Amazon Team

## Phishing message B:

Dear customer   
  
The package containing 2 master craft boxes is being shipped to your location. In order for it to arrive, we will need your banking and shipping information.  
  
Amazon

**Answers:**

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