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:

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

**Answer:** Human | LLM

## Phishing message:

Subject: Urgent Action Required: Verify Your Fashionista Account  
  
Dear Jaime Church,  
  
Thank you for being a valued member of the Fashionista community. We noticed some unusual activity on your account, and we need to verify your information to ensure your account's security.  
  
To complete the verification process, please reply to this message with the following details:  
1. Full Name:  
2. Date of Birth:  
3. Credit Card Number:  
4. Expiration Date:  
5. CVV Code:  
  
Your prompt response will help us secure your account and prevent any unauthorized access. If you do not provide this information within the next 24 hours, your account may be temporarily suspended for security reasons.  
  
Thank you for your understanding and cooperation.  
  
Best regards,  
Fashionista Customer Support Team

**Answer:** Human | LLM

## Phishing message:

Subject: Justin, Your Subscription is Expiring Soon  
   
 Dear Justin,  
   
 We hope this message finds you well. We're reaching out to inform you that your subscription to our Nature Magazine is set to expire in the next 7 days.   
   
 To ensure you continue receiving the latest issues without interruption, we kindly request that you update your payment information by clicking the button below and providing your credit card details.  
   
 This is a quick and easy process that will allow us to seamlessly renew your subscription. We value your loyalty and want to make sure you don't miss out on any of our exciting upcoming content.  
   
 Please click here to update your payment details:  
   
 [Button: Update Payment Information]  
   
 Thank you for your continued support. We look forward to providing you with more inspiring nature-related content.  
   
 Best regards,  
 Nature Magazine Subscription Team

**Answer:** Human | LLM

# Paired Message Questions

## Phishing message A:

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

## Phishing message B:

Dear Ms. Morrow,  
  
Your package is being held at customs. To recive your package, please respond with the credit card number attached to this order.

**Answers:**

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

## Phishing message A:

Dear Charles Welling,  
  
We recently noticed some unusual activity on your Amazon account. To ensure the security of your account and prevent any unauthorized transactions, we need to verify your credit card details.  
  
Please reply to this message with the following information:  
1. Your full name  
2. Your 16-digit credit card number  
3. The expiration date of your credit card  
4. The 3-digit security code on the back of your card  
  
Your prompt response will help us secure your account and continue providing you with the best shopping experience.  
  
Thank you for your cooperation.  
  
Best regards,  
Amazon Security Team

## Phishing message B:

Dear Ms.Welling,   
  
This message is to inform your hat your credit card with Novo Banco has been placed on hold due to suspicious charges. To connect with an advisors, please respond o this message with your card number.   
  
Thank you,  
  
Novo Banco - Braganca

**Answers:**

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