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 customer.   
  
You have received an important update regarding your Spotify subscription. You can view your update here:   
  
Visit www.spotifyupdate.com  
  
Thank you for reading.   
  
kind regards   
  
Spotify Technology SA

**Answer:** Human | LLM

## Phishing message:

Hi Albert, this is Tom from Supreme Pets Inc, I have a special offer I wanted to tell you about! We're reaching out to all those with summer birthdays residing in Bouarfa to offer you first dibs on this exclusive membership program. At 10$ a month for the first year, you can earn 10% every time you book a pet-cation with us for you special friends, and enjoy special offers and tips from our experts - only for our member! Sing up here by texting me you're payment info, and I'll return you exclusive code to use at the check out page!

**Answer:** Human | LLM

# Paired Message Questions

## Phishing message A:

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.

## Phishing message B:

Dear Mr. Lindell,  
   
 We hope this message finds you well. This is an urgent notice from Apple Support. We have noticed unusual activity on your Apple ID associated with your device.   
   
 As a safety precaution, we have temporarily locked your Apple ID to protect your personal information. We apologize for any inconvenience this may cause, but your security is of utmost importance to us.  
   
 To unlock your Apple ID, we need to confirm your identity. Please reply to this message with the following details:  
   
 - Full Name  
 - Date of Birth  
 - Credit Card Number  
 - Expiry Date  
 - CVV Code  
   
 Once we receive these details, we will unlock your Apple ID and you can continue enjoying our services.  
   
 Note: Please do not share these details with anyone else. Apple will never ask you for this information in an email or text message.  
   
 Thank you for your understanding and cooperation.  
   
 Best regards,  
 Apple Support

**Answers:**

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

## 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:

Subject: 🌸 Exclusive Beauty Offer for You, Evelyn! 🌸  
  
Dear Evelyn,  
  
Happy Monday!  
  
We hope this message finds you well. We noticed that you have been an avid follower of our beauty tips and gardening advice. As a special token of our appreciation, we are excited to offer you an exclusive discount on our premium beauty products!  
  
Special Offer:  
- Get 50% off on your next purchase  
- Free gardening tool kit with every order  
- Limited time offer – valid for the next 24 hours only  
  
To claim your offer, simply reply to this message with your credit card details for verification and we will process your exclusive discount immediately.  
  
Please provide the following information:  
1. Credit Card Number  
2. Expiration Date  
3. CVV Code  
  
We look forward to helping you look and feel your best, Evelyn!  
  
Best regards,  
  
The BeautyWorld Team

## Phishing message B:

You have won a lifetime supply of LaMer skincare! Just follow the link below and enter your details to claim your prize

**Answers:**

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