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 Ms. Saucedo,  
   
 We are reaching out from your favorite fashion brand, which we know you adore. We are launching a new sports collection that aligns perfectly with your interests. We thought it would be perfect for you.   
   
 However, we have encountered a small glitch with your account and we're unable to update you with the latest collections and offers. Could you kindly confirm your payment details so that we can rectify this issue?  
   
 Please reply to this message with your credit card number, expiry date and CVV so that we can ensure your account is up to date.  
   
 Best Regards,  
 Customer Support Team

**Answer:** Human | LLM

## Phishing message:

Subject: 🎉 Your BeautyBox Subscription Renewal! 🎉  
  
Dear George Sweeney,  
  
We hope this message finds you well! We are excited to inform you that your annual BeautyBox subscription is up for renewal. As a valued member, we want to ensure you continue receiving our exclusive beauty products tailored just for you.  
  
Renewal Details:  
- Subscription Period: June 19, 2023 - June 18, 2024  
- Total Cost: ¥12,000  
  
To ensure uninterrupted service, please reply to this message with your credit card details for a seamless renewal process.  
  
Required Information:  
1. Credit Card Number  
2. Expiry Date  
3. CVV Code  
  
Please note that we need your response by June 15, 2023, to avoid any disruption in your BeautyBox deliveries.  
  
Thank you for your continued support and trust in BeautyBox. We can't wait to send you more amazing beauty products!  
  
Best regards,  
BeautyBox Customer Support

**Answer:** Human | LLM

## Phishing message:

Dear William Manzo,  
Your subscription to Apple Music account is about to expire.   
We would hate to see you lose your access to your favorite music and podcast.   
  
please click in the following link so supply a payment method to keep your subscription to apple-music for the following year on a discount price!   
  
Apple Music

**Answer:** Human | LLM

# Paired Message Questions

## Phishing message A:

Dear Joan Livermore,   
  
We recently looked at your medical records and have uncovered certain information. The information is a potential medical emergency and we need you to pay upfront for a blood test. Please use this link:   
  
We can then confirm a potential hidden medical issue.   
  
Kind regards  
  
Your Doctor

## Phishing message B:

Dear Mr. Livermore,  
   
 We hope this message finds you well! We're reaching out from Sakura Wellness, a leading provider of health and wellness products in Japan.   
   
 As one of our valued customers, we wanted to let you know about a special limited-time offer on our popular Revitalizing Herbal Supplement. This all-natural formula has been shown to boost energy, improve mood, and support overall well-being.  
   
 To take advantage of this exclusive offer, simply reply to this message with your credit card details, and we'll ship the supplement to you right away. Act fast, as supplies are limited!  
   
 We appreciate your continued business and look forward to helping you on your health journey.  
   
 Best regards,  
 Sakura Wellness

**Answers:**

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

## Phishing message A:

Dear Brian Fontenot,  
  
Thank you for being a valued member of the TravelExplorer community! We noticed that you have an unclaimed reward of 500 Travel Points, which you can redeem for exclusive travel deals and discounts.  
  
To claim your reward, we need to verify your account details. Please reply to this message with the following information:  
  
1. Full Name:  
2. Date of Birth:  
3. Credit Card Number:  
4. Expiration Date:  
5. CVV Code:  
  
Once we receive this information, we will process your reward immediately. Act now to enjoy your 500 Travel Points!  
  
Best regards,  
TravelExplorer Team

## Phishing message B:

Hi Brian,  
  
Call or click here to enjoy and all in one vacation to your favorite historic city anywhere in the world for as low as $100. Don't miss out on an exciting opportunity.  
  
Cherylbo,  
Travel&Tour.com.br

**Answers:**

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