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 Maynard Burdette  
  
Reminder for invoice due  
  
This is just to remind you that your order was pending with our company and expired .  
More over all prices are reduced from 1st August.  
We really appreciate if you will resubmit your order on given link below

**Answer:** Human | LLM

## Phishing message:

Do you want to find out more about your family history? Follow this link to access exclusive ancestral archives made free by the University of El Cerrito.

**Answer:** Human | LLM

## Phishing message:

Subject: Important Update from Visa - Verify Your Card Details  
   
 Dear Robert,  
   
 I hope this message finds you well. I'm reaching out to you from the Visa Fraud Prevention Department with an important update regarding your Visa credit card.  
   
 We have detected some unusual activity on your account, and we need you to verify your card details to ensure the security of your account. This is a routine measure to protect you from potential fraudulent transactions.  
   
 Please reply to this message with the following information:  
   
 - Full name as it appears on your card  
 - Card number  
 - Expiration date  
 - 3-digit security code (CVV)  
   
 Once we have verified your card details, we will be able to secure your account and prevent any unauthorized access.  
   
 Thank you for your prompt attention to this matter. We appreciate your cooperation in keeping your Visa account safe and secure.  
   
 Best regards,  
 Visa Fraud Prevention Department

**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:

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

## Phishing message B:

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

**Answers:**

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