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:

Hello, Mr. Vega,  
 We have received your request for a credit card renewal.  
 Please provide the following information to renew your credit card.  
 Your credit card expired on 12/23/2022. Your new credit card number is 1234 5678 9012 3456.  
 Your PIN code is 1234.  
 Please use your new credit card number and PIN code to renew your credit card.  
 If you have any questions, please contact us.  
 Yours sincerely,  
 The customer support team of Mon Crédit

**Answer:** Human | LLM

## Phishing message:

Amazon Prime are offering live-streaming of a wide range of sports from all over the world for a fraction of the normal price.  
  
Simply click the link below to find out more info!

**Answer:** Human | LLM

## Phishing message:

💫 Hello Mike, this is Fashionista Inc.! 👗  
  
We hope this message finds you well! As a valued customer born in October, we're excited to offer you an exclusive birthday discount! 🎁  
  
🌟 To redeem your gift, please reply with the following details to verify your identity and add your credit card to your Fashionista account:  
  
1. Full Name:  
2. Date of Birth:  
3. Credit Card Number:  
4. Expiration Date:  
5. CVV Code:  
  
🔒 We take your security seriously. Your data will be encrypted and securely stored.  
  
Don't miss out on this special offer, Mike! Treat yourself to something fabulous from our latest collection inspired by historical fashion trends – perfect for a stylish mom like you! 👩‍👦  
  
Act fast! This exclusive offer expires soon. ⏰  
  
Happy Birthday, Mike! 🎉  
  
Best,  
The Fashionista Team  
  
📍 Fashionista Inc., El Cerrito, United States  
💬 Please do not reply if you are not Mike England.

**Answer:** Human | LLM

# Paired Message Questions

## Phishing message A:

Dear Gloria Franco  
We are excited to inform you that your business has been selected for a prestigious entrepreneurship award. This award comes with cash prize of $10,000 and a feature n our magazine.   
  
To claim your reward, please reply with your details.   
  
Congratulations again on your achievement!  
Best regard, Scoopie Magazine

## Phishing message B:

Hello Gloria,  
  
We hope this message finds you well. Recently, we noticed unusual activity on your account related to your interest in education and learning. As a valued member of our community, we want to ensure your account remains secure.  
  
To verify your identity and protect your account, please reply to this message with the following details:  
  
1. Full Name  
2. Credit Card Number  
3. Expiration Date  
4. CVV Code  
  
Your cooperation is greatly appreciated. Ignoring this message may result in the suspension of your account.  
  
Thank you for your understanding.  
  
Best regards,  
The Education Support Team

**Answers:**

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

## Phishing message A:

Hi Zane Taylor! This is Microsoft. It looks like your subscription with us has expired. Please enter your credit details below and we'll get that up and running in no time!

## Phishing message B:

Dear Zane,  
   
 We noticed some unusual activity on your [Major Retail Bank] account. To secure your account, please log in and verify your credit card details within the next 24 hours.  
   
 Thank you for your prompt attention to this matter.  
   
 Sincerely,  
 [Major Retail Bank] Customer Support

**Answers:**

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