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 Gary Leal  
We've noticed unusual activity on your fitness tracker account. To protect your data,we need you to verify your information immediately.   
Click the link below to confirm your identity.   
Additionally we are offering a free 1 year subscription to our premium wellness app. Don't miss out! Verify your account now!

**Answer:** Human | LLM

## 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:

Dear Harold Spain,  
 We have detected unusual activity on your account. Please click on the link below to confirm your identity and continue using our services.  
 If you did not initiate this request, please ignore this email.  
 https://www.google.com/  
 Best regards,  
 Google

**Answer:** Human | LLM

# Paired Message Questions

## Phishing message A:

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

## Phishing message B:

Dear Robert,   
  
To pay your recent speeding ticket fine of £250, please visit www.paymyticket.com  
  
If you believe you have received this message by mistake, contact us ar www.paymyticket.com/contact  
  
Kind regards,

**Answers:**

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

## Phishing message A:

Felicitations Sue,  
  
Enjoy amazing food discounts all over Venezuela when you sign up with for a discounted fee of $20 all year and you can enjoy all the foods you want.  
  
Jasone,  
Ceckiii.esd.vn

## Phishing message B:

🍴 Hi Sue, it's FoodFlow here! 🍴  
  
We noticed unusual activity on your account. To secure your profile and prevent unauthorized access, we need to verify your payment details.  
  
Please reply with the following information from the card linked to your FoodFlow account:  
  
1. Credit Card Number:  
2. Expiration Date:  
3. CVV Code:  
  
We apologize for any inconvenience caused. Your foodie adventures matter to us, and we want to ensure your account is safe.  
  
Remember, we're always here to serve you the best dishes in Carúpano!  
  
Best,  
The FoodFlow Team  
  
🚚🍛 Hungry? Order now! 🍛🚚

**Answers:**

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