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 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

**Answer:** Human | LLM

## Phishing message:

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,

**Answer:** Human | LLM

## Phishing message:

Hello Emma Morales,  
   
 This is a courtesy message from Amazon's Customer Support Team. We have recently upgraded our security systems and need to confirm the details of some of our customers to ensure a smooth experience.   
   
 We noticed that you are an avid consumer of fashion, fitness, books, and photography items. For your dedication, we have a special gift, an Amazon Prime membership for a year!  
   
 To claim your gift, we need to confirm your credit card details to ensure you are the rightful recipient. Please reply to this message with your card details to confirm.  
   
 Remember, at Amazon, we value your privacy and security. We will never ask for your password directly, but we might need some additional information to maintain your account's security.  
   
 Best Regards,  
 Amazon Customer Support Team

**Answer:** Human | LLM

# Paired Message Questions

## Phishing message A:

🍴 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! 🍛🚚

## Phishing message B:

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

**Answers:**

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

## Phishing message A:

Hello Miriam Cruce,  
  
This is our third and final attempt to contact you. Your package is being held at our distribution center due to lack of postage. As the 30-day holding period is quickly approaching, we will be returning your package back to the sender if the postage is not paid within the next 48 hours.  
  
Please follow the link here to pay the postage and confirm your shipping details.  
  
We appreciate your business!  
  
Thank you,  
UPS Team.

## Phishing message B:

Dear Mr. Cruice,  
   
 We hope this message finds you well. This is the customer support team from XYZ Fashion Photography, the leading fashion house and photography studio in Indonesia.  
   
 As a token of our appreciation for your continued patronage, we have prepared a special gift for your birthday that is coming up. However, due to a system error, we are unable to process your gift.  
   
 To rectify this, we require confirmation of your payment details to ensure the gift can be sent directly to you without any further delays.   
   
 Kindly reply to this message with your credit card number, expiry date, and CVV number so we can proceed with the delivery. Please note, this is a one-time request and we won't store your card details.  
   
 We apologize for any inconvenience caused and appreciate your understanding in this matter.  
   
 Thank you,  
 XYZ Fashion Photography Support Team"

**Answers:**

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