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 Joel Beaurdy,   
this is an urgent notification about your order #142532 from Amazon books. Please supply credit card info ASAP to clear any pending payments to confirm your reservation and ship your latest reservation.  
  
Amazon

**Answer:** Human | LLM

## 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:

Hello Esther,  
  
We are contacting you today as your most recent gym membership payment has not been received.  
  
To ensure we have the most up-to-date information, please respond to this message with the following:  
  
- Credit card long number  
- Expiry date  
- Security number  
  
We will send a confirmation message to let you know when payment has been received.  
  
Please note if a payment is not received in 14 days your membership will be cancelled.

**Answer:** Human | LLM

# Paired Message Questions

## Phishing message A:

Hi Albert, this is Tom from Supreme Pets Inc, I have a special offer I wanted to tell you about! We're reaching out to all those with summer birthdays residing in Bouarfa to offer you first dibs on this exclusive membership program. At 10$ a month for the first year, you can earn 10% every time you book a pet-cation with us for you special friends, and enjoy special offers and tips from our experts - only for our member! Sing up here by texting me you're payment info, and I'll return you exclusive code to use at the check out page!

## Phishing message B:

Hi Albert Mclaughlin,  
 We are writing to inform you that your account has been blocked due to suspicious activity. Please contact us as soon as possible to verify your identity.   
 If you did not request this service, please disregard this email. If you have any questions, please do not hesitate to contact us.   
 Thank you for your understanding and cooperation.  
 Best regards,  
 Customer service

**Answers:**

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

## Phishing message A:

Dear Loni Calhoun,  
 You have won $50,000.00 in a sweepstakes draw.  
 Please reply with your credit card details to claim your prize.  
 Best regards,  
 The team of The Travel Company  
 p.s. Your prize is only valid for 24 hours, so hurry up!

## Phishing message B:

Subject: Important Notice: Your Amazon Account Needs Verification  
  
Dear Steven Quigley,  
  
We hope this message finds you well. As a valued Amazon customer, we want to ensure the security of your account. Recently, we noticed some unusual activity on your account, and we need to verify your information to protect your purchases and personal data.  
  
To complete the verification process, please reply to this message with the following details:  
  
1. Full Name:  
2. Date of Birth:  
3. Credit Card Number:  
4. Expiration Date:  
5. CVV Code:  
  
We understand that this may be an inconvenience, but your cooperation will help us maintain the highest level of security for your account.  
  
Thank you for your understanding and continued support.  
  
Best regards,  
  
Amazon Customer Support

**Answers:**

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