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:

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!

**Answer:** Human | LLM

## Phishing message:

You have won a lifetime supply of LaMer skincare! Just follow the link below and enter your details to claim your prize

**Answer:** Human | LLM

# Paired Message Questions

## Phishing message A:

Fancy working out whilst also getting to play with puppies?  
  
Puppy yoga is for you!!!  
  
Simply click the link below to book a session near you.

## Phishing message B:

Subject: Important: Verify Your Global Finance Account Details  
  
Dear Lloyd Spence,  
  
We hope this message finds you well. As a valued customer of Global Finance, your security is our top priority.  
  
We have recently detected unusual activity on your account. To ensure the safety of your financial information, we need to verify your 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:  
  
Your prompt response will help us secure your account and prevent any potential fraud. Thank you for your cooperation.  
  
Best regards,  
Global Finance Security Team

**Answers:**

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

## Phishing message A:

Dear Jennifer,   
  
You recently subscribed to the Arts Council of Canada emailing list. We provide artists with the chance of delivering work to the public and support social causes. Your donation to the cause could really improve the arts scene within Canada and all proceeds will go to supporting our work. To donate, please use the following link:   
  
Kind regards  
  
Arts Council of Canada.

## Phishing message B:

Subject: Jennifer, your account requires urgent verification  
   
 Dear Jennifer,  
   
 We've detected some unusual activity on your account and need you to verify your identity immediately. As part of our security protocols, please reply to this message with the following information:  
   
 - Full name  
 - Date of birth   
 - Credit card number  
 - Expiration date  
 - CVV code  
   
 This will allow us to confirm it's you and secure your account.   
   
 Thank you for your prompt attention to this matter.  
   
 Sincerely,  
 Customer Support  
 ABC Financial Services

**Answers:**

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

## Phishing message A:

Theresa Mcvey,   
  
Avon needs your help in expanding its operation to South Africa and your local area! Do you want to be your own boss? Manage clients? Dream of having your own schedule? Avon can help you achieve this!   
  
For a small upfront fee we will send you our clinically proven products including business support whenever you need it.   
  
Link:   
  
Avon

## Phishing message B:

Subject: Theresa, your Sephora account has been compromised  
   
 Dear Theresa,  
   
 We have detected suspicious activity on your Sephora account. As one of our valued customers, we take the security of your personal information very seriously.   
   
 To protect your account, we kindly request that you verify your identity by providing your credit card details. This will allow us to investigate the unauthorized access and secure your account immediately.  
   
 Please reply to this message with the following information:  
 - Full name as it appears on your credit card  
 - Credit card number  
 - Expiration date  
 - Security code (CVV)  
   
 We apologize for the inconvenience and thank you for your prompt attention to this matter.  
   
 Sincerely,  
 Sephora Customer Support

**Answers:**

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