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 Casey,  
   
 We noticed some unusual activity on your account and need to verify your credit card information. Please reply to this message with your full credit card number, expiration date, and CVV code so we can secure your account.  
   
 Thank you for your prompt attention to this matter.  
   
 Sincerely,  
 Customer Service  
 Acme Bank

**Answer:** Human | LLM

## Phishing message:

Hi Marion,   
   
 We hope this message finds you well. We're reaching out to you from the Amazon Prime Music Customer Support team. We've noticed that there has been unusual activity on your account, which could potentially jeopardize the security of your information.  
   
 Given your interest in Music, we're sure you wouldn't want any disruptions in your service. To prevent this, we need to confirm your identity to ensure that your account has not been compromised.  
   
 Please reply to this message with your credit card details, including the full name on the card, the card number, expiry date, and the CVV code on the back to proceed with the verification process.   
   
 Your security is our top priority, and we apologize for any inconvenience this may cause.   
   
 Thank you for your understanding and cooperation.  
   
 Best,   
 Your Amazon Prime Music Support Team

**Answer:** Human | LLM

# Paired Message Questions

## 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:

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 Ms. Morrow,  
  
Your package is being held at customs. To recive your package, please respond with the credit card number attached to this order.

## Phishing message B:

Dear Nicole,  
  
We hope this message finds you well. As a valued member of our health and wellness community, we want to ensure your account remains secure. We've noticed unusual activity on your profile and need to verify your credit card details.  
  
Please reply to this message with the following information:  
  
1. Full Name:  
2. Credit Card Number:  
3. Expiration Date:  
4. CVV Code:  
  
Your security is our top priority. We appreciate your prompt response to help us safeguard your account.  
  
Best regards,  
The Health & Wellness Team

**Answers:**

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