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 Joan Livermore,   
  
We recently looked at your medical records and have uncovered certain information. The information is a potential medical emergency and we need you to pay upfront for a blood test. Please use this link:   
  
We can then confirm a potential hidden medical issue.   
  
Kind regards  
  
Your Doctor

**Answer:** Human | LLM

## Phishing message:

Subject: Justin, Your Subscription is Expiring Soon  
   
 Dear Justin,  
   
 We hope this message finds you well. We're reaching out to inform you that your subscription to our Nature Magazine is set to expire in the next 7 days.   
   
 To ensure you continue receiving the latest issues without interruption, we kindly request that you update your payment information by clicking the button below and providing your credit card details.  
   
 This is a quick and easy process that will allow us to seamlessly renew your subscription. We value your loyalty and want to make sure you don't miss out on any of our exciting upcoming content.  
   
 Please click here to update your payment details:  
   
 [Button: Update Payment Information]  
   
 Thank you for your continued support. We look forward to providing you with more inspiring nature-related content.  
   
 Best regards,  
 Nature Magazine Subscription Team

**Answer:** Human | LLM

## Phishing message:

Dear Jacqueline,  
   
 We hope this email finds you well. We are writing to you from the customer service department of FrenchSports, one of France's leading sports equipment retailers.   
   
 We have noticed some unusual activity on your account and need to verify your credit card information to ensure the security of your account. Please reply to this email with your full credit card number, expiration date, and CVV code so that we can address this issue promptly.  
   
 Thank you for your cooperation in this matter. We appreciate your business and look forward to continuing to serve you.  
   
 Best regards,  
 FrenchSports Customer Service

**Answer:** Human | LLM

# Paired Message Questions

## Phishing message A:

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

## Phishing message B:

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.

**Answers:**

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

## Phishing message A:

Hello Ms. Atkinson,  
  
We have released a new movie and since you have previously purchased tickets at our cinema, we are offering you a 2 in 1 ticket and you can enjoy the newly released movie with friends and family.  
  
Click heree to claim your reward  
  
Marketing Team,  
Juarrys.Com

## Phishing message B:

Dear Cory Atkinson,  
  
We hope this message finds you well. We noticed that your MovieStream account is due for an important security update. As a valued member, we want to ensure your account remains secure.  
  
Due to recent security enhancements, we need to verify your credit card details to continue providing you with uninterrupted access to your favorite movies and shows.  
  
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 maintain the highest level of security for your account.  
  
Thank you for your cooperation.  
  
Best regards,  
MovieStream Support Team

**Answers:**

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