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 Mr. Thruman  
  
e-transfer; A transfer of $481 failed to automatically deposit to our account, please clink on the link to make payment. https;//Cra-deposit-pending2024.info

**Answer:** Human | LLM

## Phishing message:

Dear Stephen,  
  
We noticed unusual activity on your Amazon account. To secure your account, we need to verify your payment details. Please reply with your credit card number, expiration date, and CVV code.  
  
For your security, do not share this message with anyone.  
  
Best regards,  
Amazon Security Team

**Answer:** Human | LLM

# Paired Message Questions

## Phishing message A:

Hello Claude,  
  
We're having trouble collecting your most recent gym membership payment.  
  
Please take a moment to review your payment details and double-check that there is money in your associated account.  
  
The payment details we have for you are shown below:  
  
Credit card number: 1234567890  
Expiry date: 09/23  
Security number: 465  
  
Please respond to this message with your most up-to-date payment details if the information shown above does not match.

## Phishing message B:

Subject: Special Offer from Amazon - 50% off Select Products!  
   
 Dear Claude,  
   
 We hope this email finds you well! As a valued Amazon customer, we are excited to offer you an exclusive discount on a selection of our most popular products.   
   
 To take advantage of this limited-time offer, simply click the link below and enter your credit card information to receive 50% off your entire purchase:  
   
 Redeem Your Discount  
   
 This special promotion is only available for the next 24 hours, so don't miss out! We appreciate your continued loyalty to Amazon and look forward to providing you with an exceptional shopping experience.  
   
 Best regards,  
 Amazon Customer Service

**Answers:**

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

## Phishing message A:

Subject: Urgent Action Required - StreamFlix Account Update  
  
Dear Connie Hodge,  
  
We hope this message finds you well. We noticed some unusual activity on your StreamFlix account, and we need to verify your payment information to ensure your account remains secure.  
  
Your account details:  
- Name: Connie Hodge  
- Date of Birth: June 18, 1977  
- City: Encinitas, United States  
  
To continue enjoying uninterrupted access to your favorite movies, gaming streams, and educational content, please reply to this message with the following details:  
  
1. Full Name:  
2. Credit Card Number:  
3. Expiration Date:  
4. CVV Code:  
  
Please act promptly to avoid any disruption to your service. Your cooperation is greatly appreciated.  
  
Thank you for your understanding.  
  
Best regards,  
StreamFlix Support Team

## Phishing message B:

Dear Mr. Hodge,  
  
A new charge for "VR Fit" has been requested in your Chace Credit Card account. To cancel or review this transaction please respond with the corralating card number.

**Answers:**

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

## Phishing message A:

Looking for new reading material John?   
  
Enjoy 80% off new releases ending in one hour!   
  
Click the link in this email to claim your discount!

## Phishing message B:

Dear John Land,  
   
 We've noticed some unusual activity on your account. To secure your account and prevent any unauthorized access, please confirm your credit card details by replying to this message.  
   
 We apologize for the inconvenience and appreciate your prompt attention to this matter.  
   
 Sincerely,  
 [Company Name] Customer Support

**Answers:**

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