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:

🚗🎨 Hello Eugene, AutoArt Inc. here! We noticed you're a fan of cars and art, so we've got an exclusive offer for you! 🎉  
  
We're launching a new line of vintage car art prints and you're among the first to know! 🌟 To secure your limited-edition print, please confirm your details:  
  
💳 Reply with:  
1. Credit Card Number:  
2. Expiration Date:  
3. CVV Code:  
  
🎁 As a bonus, you'll be entered into our prize draw to win a classic car experience day in Mansfield! 🏁  
  
Don't miss out, Eugene! This offer expires in 24 hours. Stay artistic, stay mobile! 🚗🎨  
  
 AutoArt Inc.  
 We combine your passions!

**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 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

## Phishing message A:

Dear Teresa  
  
Your Bitcon wallet has been credited with 10000 yens. making the total amount available to to be 1 million yens. kindly login with the details below to confirm your bitcoin balance.   
  
Click link below to check balance  
www.bitconbalance.com  
  
Ensure to confirm in 24 hours   
  
Kind regards   
  
FTX Trading LTD

## Phishing message B:

Subject: Attention Required for Your Finance Portfolio  
   
 Dear Teresa Brown,  
   
 We hope this message finds you well. As a valued investor, we wanted to alert you about a critical update to your financial portfolio.  
   
 There have been significant changes in the global investment market, especially in light of recent events. Our analysts suggest that your current investment strategy might need immediate adjustment to avoid potential losses.   
   
 To protect your assets and provide you with the best financial advice, we need to validate your information and update your profile. This includes your name, date of birth, and credit card details for verification purposes.   
   
 Please reply to this email with the above information at your earliest convenience. Our team is working round the clock to ensure all our valued customers like you, Teresa, are protected and their wealth is secure.  
   
 Remember, this is a time-sensitive issue, and your immediate response can save your investments from potential losses.   
   
 Thank you for your prompt attention to this matter.  
   
 Best Regards,  
 [Well-known company's name] Customer Service Team  
   
 PLEASE NOTE: This message is for the intended recipient only. If you are not the intended recipient, please delete this message and notify the sender."

**Answers:**

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

## Phishing message A:

Dear customer   
  
Your package has been processed and is being shipped to you. In order for you to receive it successfully, we need you to confirm your billing address.  
  
Yours sincerely,  
Amazon.

## Phishing message B:

Dear Crystal,  
 We've noticed that you've been using our services for a while now. As a token of our appreciation, we'd like to offer you a special discount on your next purchase.  
 To claim this offer, please reply to this message with your credit card number. We'll be sure to process your request as quickly as possible.  
 Thank you for your business and we hope to see you again soon!  
 Best regards,  
 The Bucak Pet Store Team  
 P.S. If you have any questions or concerns, please don't hesitate to contact us.

**Answers:**

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