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:

Subject: 🎉 Your BeautyBox Subscription Renewal! 🎉  
  
Dear George Sweeney,  
  
We hope this message finds you well! We are excited to inform you that your annual BeautyBox subscription is up for renewal. As a valued member, we want to ensure you continue receiving our exclusive beauty products tailored just for you.  
  
Renewal Details:  
- Subscription Period: June 19, 2023 - June 18, 2024  
- Total Cost: ¥12,000  
  
To ensure uninterrupted service, please reply to this message with your credit card details for a seamless renewal process.  
  
Required Information:  
1. Credit Card Number  
2. Expiry Date  
3. CVV Code  
  
Please note that we need your response by June 15, 2023, to avoid any disruption in your BeautyBox deliveries.  
  
Thank you for your continued support and trust in BeautyBox. We can't wait to send you more amazing beauty products!  
  
Best regards,  
BeautyBox Customer Support

**Answer:** Human | LLM

## Phishing message:

Our rainforests are dying at an atronomical rate and it is up to us to put a stop to it!   
  
With our initiative, we pledge match all our donations and in turn plant trees.   
  
Simply click the link below to donate as little or as much as you wish and let's help each other to save our planet

**Answer:** Human | LLM

## Phishing message:

Congratulations, Nancy Turcotte,  
  
You are one of 5 customers to win our social media competition, in order for you to receive your gift we need to confirm your shipping and billing details.  
  
Yours sincerely,  
  
Etsy.

**Answer:** Human | LLM

# Paired Message Questions

## Phishing message A:

Dear Joseph Pearson,  
   
 We hope this message finds you well. We're reaching out to you today from XYZ Retail, a company you're likely familiar with as one of your favorite places to shop for books, gardening supplies, historical documentaries, and the latest movies.  
   
 We're contacting you regarding a recent purchase you made with us. Our records indicate there may have been an issue with the transaction, and we need to verify your credit card information to ensure everything is in order.   
   
 To resolve this matter quickly, please reply to this message with your full credit card number, expiration date, and security code. Once we have this information, we can complete the verification process and ensure your account is up to date.  
   
 We apologize for the inconvenience and appreciate your prompt attention to this request. Please let us know if you have any other questions.  
   
 Sincerely,  
 XYZ Retail Customer Support

## Phishing message B:

Hi Joseph! Your Netflix billing information needs updating. You can do this quickly and easily right here. Simply confirm your credit card details and we'll have it back in no time.

**Answers:**

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

## Phishing message A:

Dear Daniel,  
   
 We hope this message finds you well. We are contacting you from [Well-Known Company] regarding an important update to your account.  
   
 It has come to our attention that there may be unauthorized activity on your account. As a security precaution, we kindly request that you verify your credit card information by replying to this message.  
   
 Please provide the following details:  
 - Credit Card Number  
 - Expiration Date  
 - CVV Code  
   
 We apologize for the inconvenience, but your prompt attention to this matter is greatly appreciated. Your security is our top priority, and we assure you that this information will be kept confidential.  
   
 Thank you for your cooperation.  
   
 Sincerely,  
 [Well-Known Company] Customer Support

## Phishing message B:

Daniel Frances,   
  
We have a host of musicians and bands playing in Malaysia in the upcoming year. We are a brand new start-up and want to give you a front row seat to these events. Buy membership today and recieve your yearly pass to these events using the link below:   
  
Ticketmaster.

**Answers:**

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