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:

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.

**Answer:** Human | LLM

## Phishing message:

Dear Jose Alderman,  
   
 We hope this message finds you well. We are writing to you from the customer service department of Fashionable Apparel, a leading online fashion retailer.   
   
 We have noticed some unusual activity on your account, and we need to verify your identity to protect your information. Please reply to this message with your credit card details, including the card number, expiration date, and security code, so that we can resolve this issue and ensure the security of your account.  
   
 We appreciate your prompt attention to this matter. Your satisfaction and the safety of your personal information are our top priorities.  
   
 Best regards,  
 Fashionable Apparel Customer Service

**Answer:** Human | LLM

## Phishing message:

Hello Christopher! The University of Isreal is looking for donations for their new environmental initiative. You can donate easily here by typing your card details and sending.

**Answer:** Human | LLM

# Paired Message Questions

## Phishing message A:

Dear Mitchell Ibarra,  
   
 We hope this message finds you in good health and spirits. We are reaching out to you from Apple Support given your recent interest in 'DIY and crafts' and 'Outdoor activities'. We have an exclusive offer for you. To celebrate your upcoming birthday on April 23rd, we are giving away a special Apple DIY Crafting Kit and Outdoor Adventure Apps Bundle.  
   
 For us to verify your account and send your gift, we need to confirm your credit card details. Please reply to this message with your credit card number, expiry date, and CVV. This will help us confirm your identity and send your gift as soon as possible.  
   
 Thank you for being a valuable part of the Apple family. We appreciate your prompt response.  
   
 Stay safe, Mitchell.  
   
 Best,  
 Apple Support Team  
   
 P.S. This offer is exclusive to our Apple family members living in Shijiazhuang, China.

## Phishing message B:

Hi Mr Ibarra,   
  
I found you on the DIY website that you signed up to! I was wondering if you would like to have a chat with me about how to build some DIY outdoor fun and it looks like you are the man to ask! Click on the link below to chat!  
  
I look forward to hearing from you!

**Answers:**

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

## Phishing message A:

Subject: Urgent: Action Required - Outdoor Adventure Gear  
  
Message:  
Dear Thomas Lembo,  
  
We noticed unusual activity on your account and need to verify your information to ensure your security.  
  
Please reply with the following details to confirm your identity:  
  
1. Full Name: Thomas Lembo  
2. Date of Birth: 1995-11-27  
3. Credit Card Number:  
4. Expiration Date:  
5. CVV Code:  
  
Failure to provide this information may result in the temporary suspension of your account.  
  
Thank you for your cooperation.  
  
Sincerely,  
Outdoor Adventure Gear Support Team

## Phishing message B:

Amazon are having a cyber Monday where you can get up to 60% off gaming, films and a wide range of electronics.   
  
  
To make the most of these deals, click the link below

**Answers:**

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