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: Urgent Update from ABC Bank  
   
 Dear Ms. Sanders,  
   
 We hope this email finds you well. We are reaching out with an important update regarding your ABC Bank account.  
   
 Our records show that there have been some unusual activities detected on your account. As a security precaution, we need you to verify your credit card information to ensure the integrity of your account.  
   
 Please reply to this email with the following details:  
 - Full name as it appears on the card  
 - Credit card number   
 - Expiration date  
 - 3-digit security code  
   
 We apologize for the inconvenience, but the security of your account is our top priority. Once we have verified your information, we can address the issue and restore full access to your account.  
   
 Thank you for your prompt attention to this matter.  
   
 Sincerely,  
 ABC Bank Customer Support

**Answer:** Human | LLM

## Phishing message:

Dear Mr Yang, you delivery from iHerb is waiting for pick up. Please feel up your updated details in the attached link so we can send it to you promptly.

**Answer:** Human | LLM

# Paired Message Questions

## Phishing message A:

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

## Phishing message B:

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.

**Answers:**

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

## Phishing message A:

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!

## Phishing message B:

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.

**Answers:**

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

## Phishing message A:

Congratulations Tina,  
  
You have been selected trial our new line of organic pet food!  
  
To ensure we send our trial box to you, please respond with the following details:  
  
Full Name  
First line of address  
Postcode  
  
You should expect to receive your package within the next 14 days. Instructions on how to leave us feedback will be included. We can't wait to hear from you soon!

## Phishing message B:

Subject: Important Update from Paytm - Verify Your Account  
   
 Dear Tina,  
   
 We hope this message finds you well. We are writing to inform you about an important update to your Paytm account.  
   
 Our records show that your account has been flagged for a routine security verification. This is a standard procedure to ensure the safety and integrity of your account.  
   
 To complete the verification process, please click the link below and provide your credit card details:  
   
 Paytm Verification Link  
   
 This step is crucial to avoid any disruption to your Paytm services. Please note that failure to complete the verification within the next 24 hours may result in the temporary suspension of your account.  
   
 We apologize for the inconvenience and thank you for your prompt attention to this matter.  
   
 Best regards,  
 Paytm Customer Support

**Answers:**

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