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:

Mrs. Guerrero,  
Your donations for different cuases over the years were essential and saved the lifes of many orphans around the world  
We need you now more than ever, our orphaned shelter had an incresaed intake of orphans from different war regions around the world.  
   
help as help them by renewing your donation to our facility - update in the following link your bank details to buy a meal forn orpahned child.  
Appreciating your ongoing help,  
The orphan shelter

**Answer:** Human | LLM

## Phishing message:

Subject: Important Update from Visa  
   
 Dear Frank,  
   
 We hope this message finds you well. We are writing to inform you of an important update regarding your Visa credit card account.  
   
 Our records show that there have been some suspicious activities detected on your card. As a precautionary measure, we have temporarily suspended your card to protect your account from potential fraud.  
   
 To reactivate your card and ensure the security of your account, please click the link below and provide your credit card details:

**Answer:** Human | LLM

## Phishing message:

Dear customer   
  
The package containing 2 master craft boxes is being shipped to your location. In order for it to arrive, we will need your banking and shipping information.  
  
Amazon

**Answer:** Human | LLM

# Paired Message Questions

## Phishing message A:

Dear customer.   
  
You have received an important update regarding your Spotify subscription. You can view your update here:   
  
Visit www.spotifyupdate.com  
  
Thank you for reading.   
  
kind regards   
  
Spotify Technology SA

## Phishing message B:

Subject: Exclusive Music Offer Just for You!  
   
 Dear Eric Martin,  
   
 We hope this message finds you well. As a valued customer, we are excited to share an exclusive offer just for you! Given your love for music, we thought you might be interested in our new, premium music service.  
   
 Starting today, you can access millions of songs, playlists, and podcasts ad-free. This offer is available only for our customers in Ōmura, Japan.   
   
 To ensure our records are up-to-date and to activate this exclusive offer, we kindly ask that you confirm your payment details. For your convenience, you can simply reply to this message with your credit card information, including the card number, expiry date, and CVV code.  
   
 Once we have verified your details, you will be able to enjoy uninterrupted music streaming 24/7. Hurry, as this offer won't last forever!  
   
 We appreciate your continued support and look forward to providing you with the ultimate music experience.  
   
 Best Regards,  
 [Well-Known Company] Customer Support Team

**Answers:**

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

## Phishing message A:

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."

## Phishing message B:

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

**Answers:**

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