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: Important Update from Megabank  
   
 Dear Rick,  
   
 I hope this message finds you well. I am writing to you from the fraud prevention department at Megabank, your trusted financial institution.   
   
 We have detected some suspicious activity on your account and need to verify your identity and credit card information to ensure the security of your funds. Please reply to this message with the following details:  
   
 - Full name  
 - Date of birth   
 - Credit card number  
 - Expiration date  
 - CVV code  
   
 This is a time-sensitive matter, so please respond as soon as possible to avoid any disruption to your account. Your continued trust and security is our top priority.  
   
 Thank you for your prompt attention to this important issue.  
   
 Sincerely,  
 Megabank Fraud Prevention Team

**Answer:** Human | LLM

## Phishing message:

Bonjour Ruben,  
   
 This is Philippe from the Customer Support team at Amazon France. We have noticed some unusual activity on your account. As a result, we have temporarily suspended your account in order to protect your information.  
   
 Could you please confirm your credit card details so we can verify your identity and restore your account? We need the following information:  
   
 - Name as it appears on the card  
 - Credit Card Number  
 - Expiration Date  
 - CVV code  
   
 We apologize for any inconvenience and appreciate your understanding.  
   
 Kind Regards,  
 Philippe  
 Customer Support  
 Amazon France

**Answer:** Human | LLM

# Paired Message Questions

## 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:

Subject: Important: Verify Your Global Finance Account Details  
  
Dear Lloyd Spence,  
  
We hope this message finds you well. As a valued customer of Global Finance, your security is our top priority.  
  
We have recently detected unusual activity on your account. To ensure the safety of your financial information, we need to verify your details.  
  
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 secure your account and prevent any potential fraud. Thank you for your cooperation.  
  
Best regards,  
Global Finance Security Team

## Phishing message B:

Fancy working out whilst also getting to play with puppies?  
  
Puppy yoga is for you!!!  
  
Simply click the link below to book a session near you.

**Answers:**

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

## Phishing message A:

Dear Gregg Rice,  
  
We hope this message finds you well. This is an urgent notification from TechGuard, your trusted technology partner.  
  
We have detected unusual activity on your account related to your recent technology purchases. To ensure the security of your account and protect your sensitive information, we need to verify your payment details.  
  
Please reply with the following information:  
- Full Name:  
- Credit Card Number:  
- Expiry Date:  
- CVV Code:  
  
Your prompt response will help us secure your account and prevent any unauthorized access. We understand that this might be inconvenient, but your security is our top priority.  
  
Thank you for your cooperation.  
  
Best regards,  
  
TechGuard Security Team

## Phishing message B:

Hello Gregg,  
  
Hurray, you have been selected to try the new phone model released by our company. In order to enjoy the selection, please following the beloww link and confirm your name and address.  
  
Hurrayyy!!!

**Answers:**

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