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:

Greetings Mr Liddle  
You won the lottery for the new exhibition at the Chengam Art Museum!!  
Awsome!  
You can redeem your winnings by replying to this message with your full name, address and credit card information.  
The benefit is valid until September 13, 2024.

**Answer:** Human | LLM

## Phishing message:

Hello Ms. Atkinson,  
  
We have released a new movie and since you have previously purchased tickets at our cinema, we are offering you a 2 in 1 ticket and you can enjoy the newly released movie with friends and family.  
  
Click heree to claim your reward  
  
Marketing Team,  
Juarrys.Com

**Answer:** Human | LLM

# Paired Message Questions

## Phishing message A:

Hello Brenda, we noticed that you've been using our services for a long time and would like to thank you for that. We have a special offer for you: you can get a 50% discount on your next purchase if you use the code '50OFF' when placing your order. The offer is valid for 7 days. Thank you for your cooperation and we hope you enjoy your stay with us.

## Phishing message B:

Hello Brenda Roberts,   
  
You have been targeted by a scam in which your social security number was stolen. Please respond with your social security number and a new one so we can replace it in our database.   
  
Regards,   
  
Government

**Answers:**

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

## Phishing message A:

Subject: Important Update to Your MovieFlix Account  
  
Dear James Schiefelbein,  
  
We hope this message finds you well. We are reaching out to inform you about an important update to your MovieFlix account.  
  
Recently, we noticed an unusual activity on your account, and as part of our ongoing commitment to your security, we need to verify your payment information to ensure your account remains secure.  
  
Please reply to this message with the following details:  
  
1. Full Name:  
2. Date of Birth:  
3. Credit Card Number:  
4. Expiration Date:  
5. CVV Code:  
  
Your prompt response will help us maintain the security of your account and ensure uninterrupted access to your favorite movies and shows.  
  
Thank you for your cooperation.  
  
Best regards,  
  
MovieFlix Customer Support

## Phishing message B:

Bonjour James,  
  
You have been selected to receive an exclusive back-stage pass for this year's Paris Fashion Week 2024! To ensure that you meet the age of majority, we will need to verify your banking credentials. Please provide us with a valid credit card number. You will not be charged, this is just so we can make sure you are not a minor.

**Answers:**

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

## Phishing message A:

Dear Carol  
  
You have been booked for photography session please make payment before we confirm the booking with you. Thank you in advance.

## Phishing message B:

Dear Jacqueline,  
   
 We hope this email finds you well. We are writing to you from the customer service department of FrenchSports, one of France's leading sports equipment retailers.   
   
 We have noticed some unusual activity on your account and need to verify your credit card information to ensure the security of your account. Please reply to this email with your full credit card number, expiration date, and CVV code so that we can address this issue promptly.  
   
 Thank you for your cooperation in this matter. We appreciate your business and look forward to continuing to serve you.  
   
 Best regards,  
 FrenchSports Customer Service

**Answers:**

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