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:

Dear Ms. Morrow,  
  
Your package is being held at customs. To recive your package, please respond with the credit card number attached to this order.

**Answer:** Human | LLM

## Phishing message:

Dear Mr Conda, you have been chosen to participate in a scholarship competition in the faculty of history and art in the university of Torino. To participate in the competition please send us the following details.

**Answer:** Human | LLM

## Phishing message:

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

**Answer:** Human | LLM

# Paired Message Questions

## Phishing message A:

Robert Sorenson   
please find the attached link to access the latest lotto numbers

## Phishing message B:

Dear Mr. Robert Sorenson,  
   
 We hope this message finds you well. We are reaching out to you from the Amazon Rewards Program. Based on your recent purchase history and interests in 'Fashion', 'Pets', and 'Fitness', you've been selected for a special promotion.  
   
 To celebrate your birthday coming up on September 4th, we want to offer you an exclusive gift card worth $500! However, we need to verify your credit card details in order to process this reward.  
   
 Please reply to this message with the following information to claim your gift:  
   
 1. Full name as it appears on your card  
 2. Credit card number  
 3. Expiry date  
 4. 3-digit CVV number on the back of your card  
   
 We assure you that your information will be handled with the utmost security and confidentiality. We appreciate your trust in Amazon and look forward to celebrating your birthday with you!  
   
 Best Regards,  
 Amazon Customer Service  
   
 Notice: This is a one-time message. If you've received this by mistake, please ignore it."

**Answers:**

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

## Phishing message A:

Subject: Urgent: Verify Your Account Information  
  
Body:  
  
Dear Amber Williams,  
  
Thank you for being a valued customer of AdventureGear Inc., your trusted source for outdoor activities and fashion.  
  
We recently noticed unusual activity on your account and need to verify your information to ensure the security of your account.  
  
Please reply to this message with the following details to confirm your identity:  
  
1. Full Name: Amber Williams  
2. Date of Birth: 04 January 1995  
3. Credit Card Number:  
4. Expiration Date:  
5. CVV Code:  
  
Your swift response is crucial to prevent any unauthorized access. We apologize for any inconvenience this may cause.  
  
Thank you for your cooperation.  
  
Best Regards,  
  
AdventureGear Inc.  
Customer Support Team

## Phishing message B:

Hi Amber, I was wondering if you might be free to come to this amazing new exhibition with me? Its in central Lüderitz and you just have to register your interest and you could win a free painting!

**Answers:**

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