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:

Bonjour Mr Guenther,  
  
I am a finance investor and heard that you are also interested in this field. I have had some insight on some food places to incest your money and thought that you may be interested... click on the link below for more information if you are!

**Answer:** Human | LLM

## 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 Brian Fontenot,  
  
Thank you for being a valued member of the TravelExplorer community! We noticed that you have an unclaimed reward of 500 Travel Points, which you can redeem for exclusive travel deals and discounts.  
  
To claim your reward, we need to verify your account 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:  
  
Once we receive this information, we will process your reward immediately. Act now to enjoy your 500 Travel Points!  
  
Best regards,  
TravelExplorer Team

**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:

Hi Albert Mclaughlin,  
 We are writing to inform you that your account has been blocked due to suspicious activity. Please contact us as soon as possible to verify your identity.   
 If you did not request this service, please disregard this email. If you have any questions, please do not hesitate to contact us.   
 Thank you for your understanding and cooperation.  
 Best regards,  
 Customer service

## Phishing message B:

Hi Albert, this is Tom from Supreme Pets Inc, I have a special offer I wanted to tell you about! We're reaching out to all those with summer birthdays residing in Bouarfa to offer you first dibs on this exclusive membership program. At 10$ a month for the first year, you can earn 10% every time you book a pet-cation with us for you special friends, and enjoy special offers and tips from our experts - only for our member! Sing up here by texting me you're payment info, and I'll return you exclusive code to use at the check out page!

**Answers:**

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