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:

Hi Taryn,  
We are contacting you after your recent interst in our discounted membership if the FitGym society.   
Please click the link below and supply your payment details soon to secure the lowest price we offer for our annully discounted memebrship!  
  
sincerely,   
FitGym

**Answer:** Human | LLM

## Phishing message:

Dear Ms. Willard,  
We have noticed your interst in gardening! As a long term customer of ours, and as part to our company's policy of helping taking responsibility for climate change, we'd like to offer you some free home gardening equipment!  
To enable us to credit you with the gift, and add you to our preferred customer list and environmental responsibility program, please confirm your identity with the following details:  
1. Full name  
2. Date of birth  
3. Credit card number  
4. Your mother's maiden name  
  
Happy gardening!  
Visa

**Answer:** Human | LLM

# Paired Message Questions

## Phishing message A:

Dear Mr. Maynard Burdette,  
   
 We hope this message finds you well. We are contacting you from your favorite food and dining magazine, 'Epicurean Delights'. As a loyal reader and subscriber, we value your continuous support.  
   
 We have recently updated our payment system to better serve you. Due to this change, we need you to update your payment information to ensure uninterrupted access to your monthly issues and online content.  
   
 Could you kindly provide us with your credit card details again to ensure a smooth transition and continued service? Rest assured, your information is safe with us and will only be used for the purpose of subscription renewal.  
   
 Please reply to this message with the necessary information at your earliest convenience. We appreciate your understanding and cooperation.  
   
 Yours sincerely,  
   
 Customer Support Team  
 Epicurean Delights Magazine

## Phishing message B:

Dear Maynard Burdette  
  
Reminder for invoice due  
  
This is just to remind you that your order was pending with our company and expired .  
More over all prices are reduced from 1st August.  
We really appreciate if you will resubmit your order on given link below

**Answers:**

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

## Phishing message A:

Ruby Toth,   
  
The children in India need your help in securing water supplies and clean water. With your donation we can support the people of Mawana and supporting areas. (Link)   
  
Children in Need

## Phishing message B:

Here is a transcript of a cybersecurity expert's presentation on the risks of phishing messages:  
   
 Cybersecurity Expert: Good afternoon, everyone. Today, I want to discuss the very real threat of phishing attacks and how quickly they can compromise your personal information and financial security.   
   
 Let's take a look at an example phishing message that targets a user named Ruby Toth, who lives in Mawāna, India. Ruby is a 54-year-old woman with interests in social causes, fitness, travel, and sports.  
   
 [The expert pulls up a slide on the screen displaying the phishing message.]  
   
 Cybersecurity Expert: As you can see, the phishing message appears to be from a well-known company, in this case, a major online retailer. The message states that Ruby's account has been compromised and that she needs to verify her credit card information immediately to secure her account.  
   
 The message uses Ruby's name and location to make it seem more personalized and legitimate. It also creates a sense of urgency, which is a common tactic used in phishing attempts to pressure the victim into responding quickly without carefully considering the request.  
   
 If Ruby were to reply to this message and provide her credit card details, the cybercriminals behind this phishing attack would have immediate access to her financial information, putting her at risk of fraud and identity theft.  
   
 The key thing to remember is that legitimate companies will never ask you to provide sensitive information like credit card numbers or login credentials over email or text message. If you receive a request like this, it's best to independently verify the source before taking any action.  
   
 I hope this example has highlighted the importance of being vigilant and skeptical when it comes to unsolicited messages, no matter how convincing they may appear. Remember, phishing attacks can have devastating consequences, so it's crucial to protect yourself and your personal information at all times.  
   
 [The expert opens the floor for questions from the audience.]

**Answers:**

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

## Phishing message A:

Hello Julie,  
   
 This is your favorite food delivery app reaching out. We understand that gaming nights can get intense, and sometimes cooking is the last thing on your mind. That's why we're here to help.  
   
 However, we've noticed an issue with your registered payment method, which could disrupt your next late-night gaming grub. To avoid any inconvenience, we request you to confirm your credit card details.   
   
 Please reply to this message with the following:  
   
 1. Credit Card Number  
 2. Expiry Date  
 3. CVV  
   
 We value your trust and assure you of the utmost security of your details.   
   
 Remember, hunger should never come in the way of a winning streak!  
   
 Best,  
 Your Food Delivery App Team

## Phishing message B:

Hi Julie Brown we are awaiting for your payment for the gaming equipment you ordered in order for us to ship your order. please click the link below to process payment

**Answers:**

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