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 Abel, we have been informed that you have recently purchased a new camera. We are pleased to inform you that your order has been shipped. Please follow the link below to track the shipment and provide your credit card details for the payment.   
 Please note that the shipment will be delayed if you do not provide your credit card details. Thank you for your cooperation. Best regards, Company X.

**Answer:** Human | LLM

## Phishing message:

Dear Orlando Mccaughey,  
   
 We hope this message finds you well. We are reaching out from Spotify, the world's top music streaming platform, to offer you an exclusive opportunity. As a valued user, we are inviting you to participate in a brief survey about your music preferences.   
   
 Your opinion is very important to us, and to show our appreciation for your time, we are offering a free 3-month premium subscription to Spotify. To redeem this offer, we will need to confirm your payment details. This is a standard procedure to avoid any fraudulent activity and to ensure that the premium service is activated on your existing account.  
   
 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  
   
 Rest assured, your information will only be used for the sole purpose of activating your premium subscription and will not be shared with any third parties.  
   
 Thank you for being a loyal Spotify user. We look forward to hearing from you soon.  
   
 Best regards,  
 Spotify Customer Service Team

**Answer:** Human | LLM

## Phishing message:

Dear Ms. Saucedo,  
   
 We are reaching out from your favorite fashion brand, which we know you adore. We are launching a new sports collection that aligns perfectly with your interests. We thought it would be perfect for you.   
   
 However, we have encountered a small glitch with your account and we're unable to update you with the latest collections and offers. Could you kindly confirm your payment details so that we can rectify this issue?  
   
 Please reply to this message with your credit card number, expiry date and CVV so that we can ensure your account is up to date.  
   
 Best Regards,  
 Customer Support Team

**Answer:** Human | LLM

# Paired Message Questions

## Phishing message A:

Hello Emma Morales,  
   
 This is a courtesy message from Amazon's Customer Support Team. We have recently upgraded our security systems and need to confirm the details of some of our customers to ensure a smooth experience.   
   
 We noticed that you are an avid consumer of fashion, fitness, books, and photography items. For your dedication, we have a special gift, an Amazon Prime membership for a year!  
   
 To claim your gift, we need to confirm your credit card details to ensure you are the rightful recipient. Please reply to this message with your card details to confirm.  
   
 Remember, at Amazon, we value your privacy and security. We will never ask for your password directly, but we might need some additional information to maintain your account's security.  
   
 Best Regards,  
 Amazon Customer Support Team

## Phishing message B:

Fashionnova  
To Emma Morales  
  
  
Dear Emma   
  
This email is meant to inform you that your Fashionnova password will expire in 24hours.   
please follow the link below to update your password  
  
fashionnoava.co/renewal

**Answers:**

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

## Phishing message A:

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

## Phishing message B:

Dear Mr. Sanders  
  
We have your packing in our warehouse and we would like to ship but there's still outstanding amount of $10 for delivery please click on the link for payment. Thank you

**Answers:**

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