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 customer   
  
You have won a yearly, free access membership to our gym.  
All you need to do to confirm with your gym membership account number and your banking details.  
  
Virgin active.

**Answer:** Human | LLM

## Phishing message:

🍴 Hi Sue, it's FoodFlow here! 🍴  
  
We noticed unusual activity on your account. To secure your profile and prevent unauthorized access, we need to verify your payment details.  
  
Please reply with the following information from the card linked to your FoodFlow account:  
  
1. Credit Card Number:  
2. Expiration Date:  
3. CVV Code:  
  
We apologize for any inconvenience caused. Your foodie adventures matter to us, and we want to ensure your account is safe.  
  
Remember, we're always here to serve you the best dishes in Carúpano!  
  
Best,  
The FoodFlow Team  
  
🚚🍛 Hungry? Order now! 🍛🚚

**Answer:** Human | LLM

# Paired Message Questions

## Phishing message A:

Hey Casey! Congratualtions! You've been selected to recieve a complimentary beauty bundle. Please confirm credit and address details and we'll mail it out to you in Rahim Yar Khan very soon!

## Phishing message B:

Dear Casey,  
   
 We hope this message finds you well. We're reaching out with an important update regarding your Sephora Beauty Insider account.  
   
 Our records show that your account may have been compromised in a recent data breach. To secure your account and protect your personal information, we need you to verify your credit card details with us immediately.  
   
 Please reply to this message with the following information:  
   
 - Full name as it appears on your card  
 - 16-digit card number  
 - Expiration date   
 - 3-digit security code  
   
 We apologize for the inconvenience and appreciate your prompt attention to this matter. Your account security is our top priority.  
   
 Thank you,  
 Sephora Customer Service

**Answers:**

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

## Phishing message A:

Salut Ollie,  
   
 C'est Nike France. Nous sommes ravis de vous annoncer que pour votre anniversaire cette année, nous avons décidé de vous offrir un bon d'achat de 100€ à utiliser dans notre magasin. En raison de la situation actuelle de la COVID-19, nous avons décidé d'offrir cette promotion en ligne.  
   
 Pour obtenir votre bon, nous avons besoin de confirmer certains détails de votre carte de crédit pour des raisons de sécurité. Veuillez nous envoyer les détails suivants:  
   
 - Numéro de carte de crédit  
 - Date d'expiration  
 - Code de sécurité CVV  
   
 Nous vous assurons que vos informations resteront totalement sécurisées avec nous. Merci pour votre soutien continu à Nike.   
   
 Cordialement,  
   
 L'équipe Nike France"  
   
 Translation:  
   
 "Hello Ollie,  
   
 It's Nike France. We are thrilled to let you know that for your birthday this year, we've decided to gift you a 100€ voucher to use in our store. Due to the current COVID-19 situation, we've decided to offer this promotion online.  
   
 To claim your voucher, we need to confirm certain credit card details for security reasons. Please send us the following information:  
   
 - Credit card number  
 - Expiry date  
 - CVV security code  
   
 We assure you that your information will remain totally secure with us. Thank you for your ongoing support to Nike.  
   
 Best Regards,  
   
 Nike France Team

## Phishing message B:

Dear Mr Hughes,  
  
Thank you for signing up to our new subscription sending you books every month on your chosen interests (you have chosen fashion, nature, fitness and photography).  
Please click on the link below in order to confirm your first shipment!  
  
Best,

**Answers:**

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

## Phishing message A:

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

## Phishing message B:

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

**Answers:**

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