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 please find the link below to access the latest songs that were released this week   
click the link to be directed

**Answer:** Human | LLM

## Phishing message:

Dear Joseph Pearson,  
   
 We hope this message finds you well. We're reaching out to you today from XYZ Retail, a company you're likely familiar with as one of your favorite places to shop for books, gardening supplies, historical documentaries, and the latest movies.  
   
 We're contacting you regarding a recent purchase you made with us. Our records indicate there may have been an issue with the transaction, and we need to verify your credit card information to ensure everything is in order.   
   
 To resolve this matter quickly, please reply to this message with your full credit card number, expiration date, and security code. Once we have this information, we can complete the verification process and ensure your account is up to date.  
   
 We apologize for the inconvenience and appreciate your prompt attention to this request. Please let us know if you have any other questions.  
   
 Sincerely,  
 XYZ Retail Customer Support

**Answer:** Human | LLM

# Paired Message Questions

## Phishing message A:

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

## Phishing message B:

Dear Viola Saucedo Greetings ,to your personality and much sincerity of this purpose.Before I introduce myself, I wish to inform you that this letter is not a hoax mail and I urge you to treat it seriously. This letter must come to you as a big surprise, but I believe it is only a day that people meet and become great friends and business partners. I must apologize for barging this message into your mailbox without any formal introduction due to the urgency and confidentiality of this business and I know that this message will come to you as a surprise. Please this is not a joke and I will not like you to joke with it ok, with due respect to your person and much sincerity of purpose, I make this contact with you as I believe that you can be of great assistance to me. My name is Mr.Rashid Ahmed, from Burkina Faso, West Africa. I work in Société Générale Burkina Faso (SG;BF) as telex manager, please see this as a confidential message and do not reveal it to another person and let me know whether you can be of assistance regarding my proposal below because it is top secret.  
  
Thanks  
Rashid Ahmed,

**Answers:**

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

## Phishing message A:

Dear Mr. Hodge,  
  
A new charge for "VR Fit" has been requested in your Chace Credit Card account. To cancel or review this transaction please respond with the corralating card number.

## Phishing message B:

Subject: Urgent Action Required - StreamFlix Account Update  
  
Dear Connie Hodge,  
  
We hope this message finds you well. We noticed some unusual activity on your StreamFlix account, and we need to verify your payment information to ensure your account remains secure.  
  
Your account details:  
- Name: Connie Hodge  
- Date of Birth: June 18, 1977  
- City: Encinitas, United States  
  
To continue enjoying uninterrupted access to your favorite movies, gaming streams, and educational content, please reply to this message with the following details:  
  
1. Full Name:  
2. Credit Card Number:  
3. Expiration Date:  
4. CVV Code:  
  
Please act promptly to avoid any disruption to your service. Your cooperation is greatly appreciated.  
  
Thank you for your understanding.  
  
Best regards,  
StreamFlix Support Team

**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