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 William, I hope you are doing well. I am writing to let you know that your credit card has been compromised. Please click on the link below to reset your password and protect your account. Thank you for your time and cooperation.  
  
 Sincerely,

**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

## Phishing message:

Hi Shanice, this is Mindy from Michelin (yes, the ones who give out stars!) , I have a special offer I wanted to tell you about! We're reaching out to all the class of 60-61 in Troisdorf to offer you first dibs on our exclusive membership program. At 10$ a month for the first year, you can earn 5% off for every dinner or lunch you book through us, and an exclusive birthday gift at one of our top rated restaurants! Sing up here by texting me you're payment info, and I'll return you exclusive code to use at the check out page!

**Answer:** Human | LLM

# Paired Message Questions

## Phishing message A:

congratulations Josephine Marker! you have been selected to attend the 2024 olympics in paris. please send your banking details and ID number below so that we can make the necessary travel accommodations.

## Phishing message B:

Subject: Exclusive Offer Just for You, Josephine!  
   
 Dear Josephine Marker,  
   
 Congratulations! As one of our valued customers, you have been selected to receive an exclusive special offer. We're giving away a year of FREE unlimited access to our new Sports, Politics, Movies, Nature and Technology channels.  
   
 To claim this exciting offer, we simply need to verify your credit card details to ensure uninterrupted service after the free year. Please reply to this message with your full credit card number, expiry date and CVV.   
   
 Remember, this offer is only available for a limited time, so don't miss out!  
   
 Best regards,  
   
 Your Trusted Media Provider"

**Answers:**

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

## Phishing message A:

Hello Helen! A payment for your gym membership has failed. Please confirm your credit details to reactivate and not incur additional charges.

## Phishing message B:

Subject: Important Update from Qantas Airways  
   
 Dear Helen,  
   
 I hope this message finds you well. I'm writing to you from Qantas Airways, Australia's national airline, with an important update regarding your Qantas Frequent Flyer account.  
   
 Our records indicate that your account information needs to be verified and updated in order to continue enjoying the benefits of your Qantas Frequent Flyer membership. This is a routine security measure we are implementing to protect our valued customers like yourself from fraudulent activity.  
   
 To complete the verification process, please reply to this email with the following information:  
   
 - Full name  
 - Date of birth  
 - Credit card number  
 - Expiration date  
 - Security code (CVV)  
   
 Once we have verified your account details, you will be able to continue using your Qantas Frequent Flyer account without any interruption. We appreciate your prompt attention to this matter.  
   
 Thank you for your continued loyalty to Qantas Airways. We look forward to serving you on your next journey.  
   
 Sincerely,  
 Qantas Airways Customer Support

**Answers:**

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