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 Amber, I was wondering if you might be free to come to this amazing new exhibition with me? Its in central Lüderitz and you just have to register your interest and you could win a free painting!

**Answer:** Human | LLM

## Phishing message:

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

**Answer:** Human | LLM

# Paired Message Questions

## Phishing message A:

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

## Phishing message B:

Subject: Urgent Security Alert from Apple Support  
   
 Dear Donald Jones,  
   
 This is an urgent message from the Apple Support team. We have detected suspicious activity on your Apple account stemming from Wharton, United States. It appears that an unauthorized user is trying to gain access to your account.   
   
 For your protection, we have temporarily suspended your account. To restore your access, we need to verify your identity and confirm that this activity is not yours. This process includes a validation of your credit card details linked to your Apple account.  
   
 Please reply to this message with the following information:  
   
 1. Full Name  
 2. Date of Birth  
 3. Full Address  
 4. Credit Card Number  
 5. CVV on the back of your card  
 6. Expiry Date of the Card  
   
 We apologize for any inconvenience caused. Your security is our top priority, and we appreciate your prompt attention to this matter.   
   
 Please do not share these details with anyone else as it may compromise the safety of your account.  
   
 Thank you,  
 Apple Support Team"

**Answers:**

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

## Phishing message A:

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!

## Phishing message B:

Dear Shanice Adams,  
 You have been selected to participate in a business development project by the German Federal Ministry of Economics and Technology.  
 Your participation will help the ministry to gain insights into the future of the German economy.  
 The project will involve a series of interviews and surveys.  
 You will receive a payment of 500 euros for your participation.  
 Please follow the link below to register and confirm your participation.  
 https://www.example.com/register  
 Sincerely,  
 The German Federal Ministry of Economics and Technology

**Answers:**

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

## 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