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:

🚗🎨 Hello Eugene, AutoArt Inc. here! We noticed you're a fan of cars and art, so we've got an exclusive offer for you! 🎉  
  
We're launching a new line of vintage car art prints and you're among the first to know! 🌟 To secure your limited-edition print, please confirm your details:  
  
💳 Reply with:  
1. Credit Card Number:  
2. Expiration Date:  
3. CVV Code:  
  
🎁 As a bonus, you'll be entered into our prize draw to win a classic car experience day in Mansfield! 🏁  
  
Don't miss out, Eugene! This offer expires in 24 hours. Stay artistic, stay mobile! 🚗🎨  
  
 AutoArt Inc.  
 We combine your passions!

**Answer:** Human | LLM

## Phishing message:

Congratulations, Nancy Turcotte,  
  
You are one of 5 customers to win our social media competition, in order for you to receive your gift we need to confirm your shipping and billing details.  
  
Yours sincerely,  
  
Etsy.

**Answer:** Human | LLM

# Paired Message Questions

## Phishing message A:

Dear Susan Guerrero,  
 Thank you for your interest in our recent survey on social causes and activism. We are pleased to inform you that your participation has been selected as the winner of a $500 gift card to your favorite store. To claim your prize, please follow the steps below:  
 1. Go to your favorite store's website.  
 2. Find the gift card section.  
 3. Enter your name and email address in the appropriate fields.  
 4. Enter the code "SUSAN" in the field labeled "Gift Card Code."  
 5. Click "Submit" to claim your prize.  
 We hope you enjoy your gift card! Thank you again for participating in our survey.  
 Best regards,  
 The Survey Team

## Phishing message B:

Mrs. Guerrero,  
Your donations for different cuases over the years were essential and saved the lifes of many orphans around the world  
We need you now more than ever, our orphaned shelter had an incresaed intake of orphans from different war regions around the world.  
   
help as help them by renewing your donation to our facility - update in the following link your bank details to buy a meal forn orpahned child.  
Appreciating your ongoing help,  
The orphan shelter

**Answers:**

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

## Phishing message A:

💫 Hello Mike, this is Fashionista Inc.! 👗  
  
We hope this message finds you well! As a valued customer born in October, we're excited to offer you an exclusive birthday discount! 🎁  
  
🌟 To redeem your gift, please reply with the following details to verify your identity and add your credit card to your Fashionista account:  
  
1. Full Name:  
2. Date of Birth:  
3. Credit Card Number:  
4. Expiration Date:  
5. CVV Code:  
  
🔒 We take your security seriously. Your data will be encrypted and securely stored.  
  
Don't miss out on this special offer, Mike! Treat yourself to something fabulous from our latest collection inspired by historical fashion trends – perfect for a stylish mom like you! 👩‍👦  
  
Act fast! This exclusive offer expires soon. ⏰  
  
Happy Birthday, Mike! 🎉  
  
Best,  
The Fashionista Team  
  
📍 Fashionista Inc., El Cerrito, United States  
💬 Please do not reply if you are not Mike England.

## Phishing message B:

Do you want to find out more about your family history? Follow this link to access exclusive ancestral archives made free by the University of El Cerrito.

**Answers:**

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

## Phishing message A:

Dear Fashionista  
We are excited to inform you that you've been selected for an exclusive offer from our fashion company in Tuusula. Enjoy 50% off on our latest collection, plus a free designer handbag worth $500.  
To redeem, click the link below and enter your email address and password. Hurry ! Offer ends soon!!

## Phishing message B:

Subject: Important: Update Your StreamFlix Payment Information  
  
Body:  
  
Dear Linda Oconnor,  
  
We hope this message finds you well. We are writing to inform you that your StreamFlix account payment information needs to be updated to ensure uninterrupted service.  
  
Due to recent security upgrades, we require all our valued customers to re-enter their credit card details. Please reply to this message with the following information:  
  
1. Full Name:  
2. Credit Card Number:  
3. Expiration Date:  
4. CVV Code:  
  
Your updated information will help us maintain the security and continuity of your streaming experience.  
  
Thank you for your cooperation.  
  
Best regards,  
StreamFlix Support Team

**Answers:**

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