Project 73: Cold Outreach Assistant

Description:

This tool helps you craft effective cold emails or messages that feel personalized, respectful, and compelling. Whether you're reaching out for partnerships, jobs, networking, or lead generation, it structures the message to maximize response rate.

cold_outreach_assistant.py

```python
import openai
import os
import gradio as gr

# Load the OpenAI API Key
openai.api_key = os.getenv("OPENAI_API_KEY")

# Function to generate cold outreach message
def generate_outreach(role, purpose, tone):
    # Prompt the AI to act like a networking and outreach expert
    messages = [
        {
            "role": "system",
            "content": (
                "You are a cold outreach writing assistant. Craft a concise ar
                "Focus on building rapport, explaining the purpose clearly, ar
                "Make sure it's not spammy. Keep the tone in line with the use
            )
        },
        {
            "role": "user",
            "content": (
                f"Who I'm reaching out to: {role}\n"
                f"Reason: {purpose}\n"
                f"Tone: {tone}"
            )
        }
    ]
```

```python
    try:
        # Generate the outreach message
        response = openai.ChatCompletion.create(
            model="gpt-3.5-turbo",
            messages=messages
        )
        return response["choices"][0]["message"]["content"].strip()

    except Exception as e:
        return f"Error: {str(e)}"

# Gradio interface
iface = gr.Interface(
    fn=generate_outreach,
    inputs=[
        gr.Textbox(label="Who Are You Contacting? (e.g. CTO at a startup, recr
        gr.Textbox(label="Why Are You Reaching Out? (e.g. job opportunity, col
        gr.Radio(["Professional", "Casual", "Respectful", "Friendly"], label="
    ],
    outputs="text",
    title="📫 Cold Outreach Assistant",
    description="Enter your intent and audience—I'll help you write a respectf
)

# Launch the outreach assistant
iface.launch()
```