Project 72: Sales Email Generator

Description:

This persuasive assistant creates high-converting sales emails tailored to your product, target audience, and desired tone. Whether it's a cold outreach or product launch, the result is a crisp message that sells without sounding spammy.

sales_email_generator.py

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

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

# Function to generate sales email
def generate_sales_email(product, audience, tone):
    # Prompt to act like a skilled sales copywriter
    messages = [
        {
            "role": "system",
            "content": (
                "You are a persuasive sales email copywriter. Craft a compelli
                "Use the given tone, make the content relevant to the target a
                "Keep it professional yet engaging. Avoid sounding robotic or
            )
        },
        {
            "role": "user",
            "content": (
                f"Product or Offer: {product}\n"
                f"Target Audience: {audience}\n"
                f"Tone: {tone}"
            )
        }
    ]
```

```python
    try:
        # Generate the email using OpenAI
        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 UI
iface = gr.Interface(
    fn=generate_sales_email,
    inputs=[
        gr.Textbox(label="Product or Offer (e.g. CRM software, AI writing tool
        gr.Textbox(label="Target Audience (e.g. small business owners, SaaS fo
        gr.Radio(["Professional", "Conversational", "Excited", "Friendly"], la
    ],
    outputs="text",
    title="💼 Sales Email Generator",
    description="Describe your product, audience, and tone—I'll write a compel
)

# Launch the sales email writer
iface.launch()
```