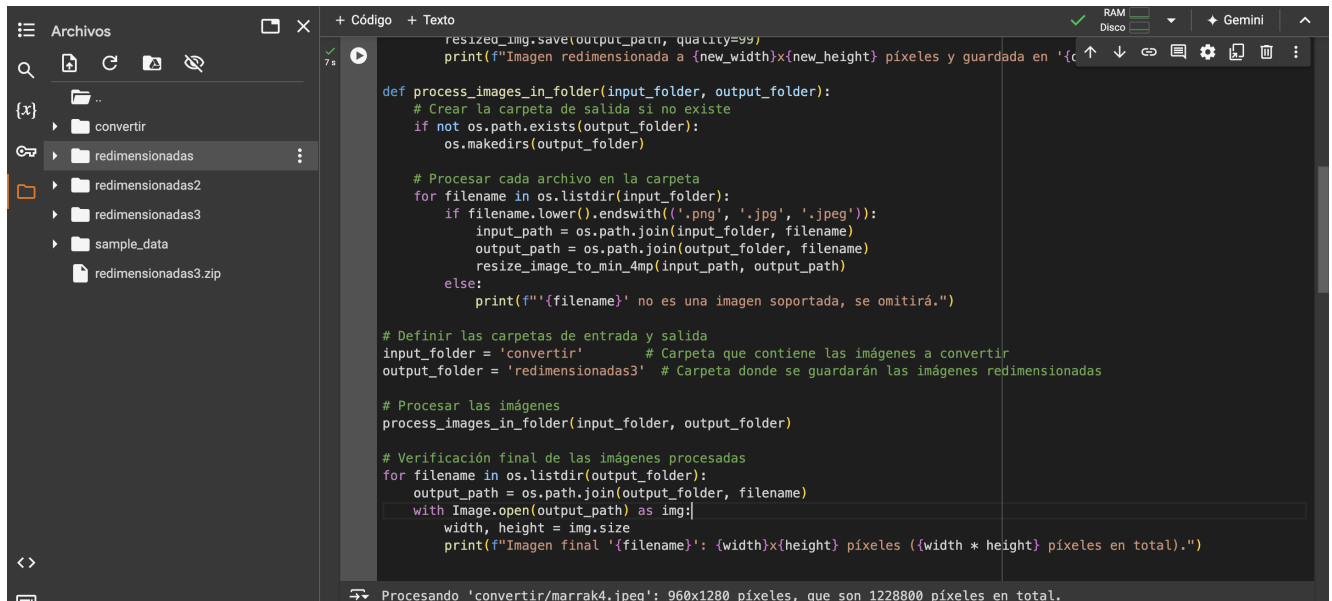


Script en Python para redimensionar varias imágenes (una carpeta) a un mínimo de 4 megapíxeles



The screenshot shows a code editor with a file explorer on the left and a code editor on the right. The file explorer shows a folder named 'convertir' and a file named 'redimensionadas3.zip'. The code editor contains a Python script that processes images in a folder and resizes them to a minimum of 4 megapixels. The script uses the 'os' module for file operations and the 'Image' module from the 'PIL' package for image processing. The script defines a function 'process_images_in_folder' that takes an input folder and an output folder as arguments. It iterates over the files in the input folder, checks if they are supported image formats, and resizes them if necessary. The script also includes a final verification step to ensure the images are at least 4 megapixels.

```
resized_img.save(output_path, quality=99)
print(f"Imagen redimensionada a {new_width}x{new_height} píxeles y guardada en '{output_path}'")

def process_images_in_folder(input_folder, output_folder):
    # Crear la carpeta de salida si no existe
    if not os.path.exists(output_folder):
        os.makedirs(output_folder)

    # Procesar cada archivo en la carpeta
    for filename in os.listdir(input_folder):
        if filename.lower().endswith(('.png', '.jpg', '.jpeg')):
            input_path = os.path.join(input_folder, filename)
            output_path = os.path.join(output_folder, filename)
            resize_image_to_min_4mp(input_path, output_path)
        else:
            print(f"'{filename}' no es una imagen soportada, se omitirá.")

# Definir las carpetas de entrada y salida
input_folder = 'convertir' # Carpeta que contiene las imágenes a convertir
output_folder = 'redimensionadas3' # Carpeta donde se guardarán las imágenes redimensionadas

# Procesar las imágenes
process_images_in_folder(input_folder, output_folder)

# Verificación final de las imágenes procesadas
for filename in os.listdir(output_folder):
    output_path = os.path.join(output_folder, filename)
    with Image.open(output_path) as img:
        width, height = img.size
        print(f"Imagen final '{filename}': {width}x{height} píxeles ({width * height} píxeles en total.)")
```

Procesando 'convertir/marrak4.jpeg': 960x1280 píxeles, que son 1228800 píxeles en total.

[crayon-6a9d4dde53671515649069/]