from google.colab import files

import cv2

import numpy as np

from matplotlib import pyplot as plt

uploaded = files.upload()

filename = list(uploaded.keys())[0]

image = cv2.imread(filename)

image\_rgb = cv2.cvtColor(image, cv2.COLOR\_BGR2RGB)

kernel = np.ones((5,5), np.uint8)

eroded = cv2.erode(image, kernel, iterations=1)

eroded\_rgb = cv2.cvtColor(eroded, cv2.COLOR\_BGR2RGB)

plt.figure(figsize=(10, 5))

plt.subplot(1, 2, 1)

plt.imshow(image\_rgb)

plt.title('Original Image')

plt.axis('off')

plt.subplot(1, 2, 2)

plt.imshow(eroded\_rgb)

plt.title('Eroded Image')

plt.axis('off')

plt.show()

