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)

dilated = cv2.dilate(image, kernel, iterations=1)

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

plt.figure(figsize=(12, 4))

plt.subplot(1, 2, 1)

plt.imshow(image\_rgb)

plt.title('Original Color Image')

plt.axis('off')

plt.subplot(1, 2, 2)

plt.imshow(dilated\_rgb)

plt.title('Dilated Color Image')

plt.axis('off')

plt.show()

