import cv2

import numpy as np

from matplotlib import pyplot as plt

image = cv2.imread('coins.jpg', cv2.IMREAD\_GRAYSCALE)

edges = cv2.Canny(image, threshold1=100, threshold2=200)

plt.subplot(121), plt.imshow(image, cmap='gray')

plt.title('Original Image'), plt.xticks([]), plt.yticks([])

plt.subplot(122), plt.imshow(edges, cmap='gray')

plt.title('Edge Image'), plt.xticks([]), plt.yticks([])

plt.show()