# Calculate the area of an image using Matplotlib

**Algorithm:**

1. Import the matplotlib.pyplot module.
2. Import an image using the imread() method.
3. Use the shape attribute of the image to get the height and width of the image. It fetches the number of channels in the image.
4. Calculate the area as, area = height \* width.
5. Display the area.

**Example 1:**Consider the following image :

# import necessary library

import matplotlib.pyplot as plt

# read an image

img = plt.imread("GFG.jpg")

# fetch the height and width

height, width, \_ = img.shape

# area is calculated as “height x width”

area = height \* width

# display the area

print("Area of the image is : ", area)