# Image Cropping via Semantic Segmentation

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The image segmentation algorithm

Given: the original image given with the 2d array , the width and height of the original image

Output: segmentation mask

The image cropping algorithm

Given: segmentation mask , the aspect ratio of the desired cropped image , the original image given with the 2d array , the width and height of the original image.

Output: Cropped image

Center of mass

*- aspect ratio*