median Blur

img = cv2. ~~medianBlur~~ (img, x)

(Image Blur)

└ox→ the bigger, the more
blur will be added.

(Image blur helps
to create a better mask.) → animation-like blur

→ Graussian Blur

It helps smoothening images that ~~are~~ ~~before~~ have random
noises. on them.

There is also bilateral blur, median blur, ~~etc.~~ averaging. 2D convolution
etc

⊃

(OTSU'S BINARIZATION)

~~In order to use Otsu, you~~

Otsu gets implemented in ~~to~~ threshold functions, that already
use a threshold method. ~~It it not for~~ It cannot be used
in adaptive threshold ~~methods~~. functions though.
like so:

ret, out = cv2.threshold (img, (x), max), cv2. THRESH_ BINARY cv2.THRESH_
     (threshold)   ↓   BINARY_INV   OTSU
     It is omitted,   max value,   TO ZERO-INV
     cause we use   255 usually
     otsu

     THRUNC
     TO ZFRO

Otsu is good in case we have a image with a histagram
that has two peaks. It also can work good if you
first apply gaussian blur filtering on the image. or any
other filtering. to blur it.
So, it actually distinguishes the foreground with the background
of an image (the two peaks on the histagram)

(15)