

Homework 05

In Lesson 05, you learned about the Gaussian distribution and the convolution kernel that goes along with it.

1. Create a function called `create_gaussian` that takes a size and sigma value and returns the corresponding Gaussian kernel. Refer to Lesson 05, Slide 11 for a breakdown of the two-dimensional Gaussian. If a sigma value isn't provided, it should default to `size/5`.
2. Use the `create_gaussian` function you created to create a Gaussian with `size = 15` and `sigma = 3`. Display the result as an image.

Protip: remember that in images, the x-coord is the column and the y-coord is the row!!