

Computational Physics: PS 1

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1 Discussion

My goals for this course are to sharpen many of the skills I've learned over the years coding, and learn some cool new techniques (I'm particularly excited for Monte Carlo). I've done about 3 years of research which used numerics in various ways. I also do some freelance work using coding (namely, web development), and I was a minor in computer science in Undergrad. My plans are up in the air as for after I graduate. As of now I plan to remain in academia or continue to do research at some level, but I'm also getting interested in Econophysics and the use of QFT within it.

My GitHub account name is `marcusHoskinsNYU`.

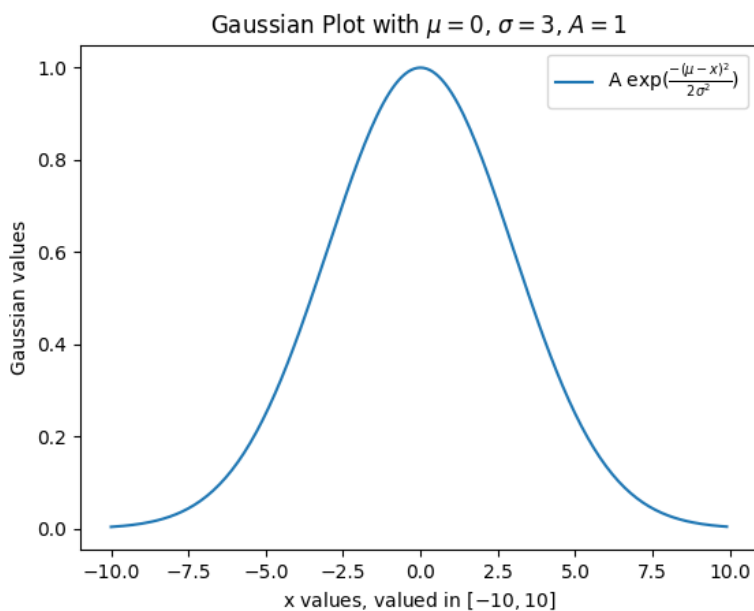


Figure 1: This is a Gaussian with $x \in [-10, 10]$, mean $\mu = 0$, standard deviation $\sigma = 3$, and amplitude $A = 1$.