

# PS 1 Question 3

Ivan Ziabkin

September 10, 2023

## 1 Response

I have two main goals for this course: first, to learn widely applicable techniques for computer analysis of math and physics problems, and second, to transfer some skills I have in other languages to Python. I'm most familiar with MATLAB after using it for two years in research at NYU and at an internship this summer, and I've also taken a year of CS classes which were in Java. I've only ever used Python in lab classes so I'm not particularly good at it, but that's the point of learning! My future goal is to get a PhD and hopefully do full time research, but my immediate plan after graduation is to try a more applied engineering job for around a year and see how that goes.

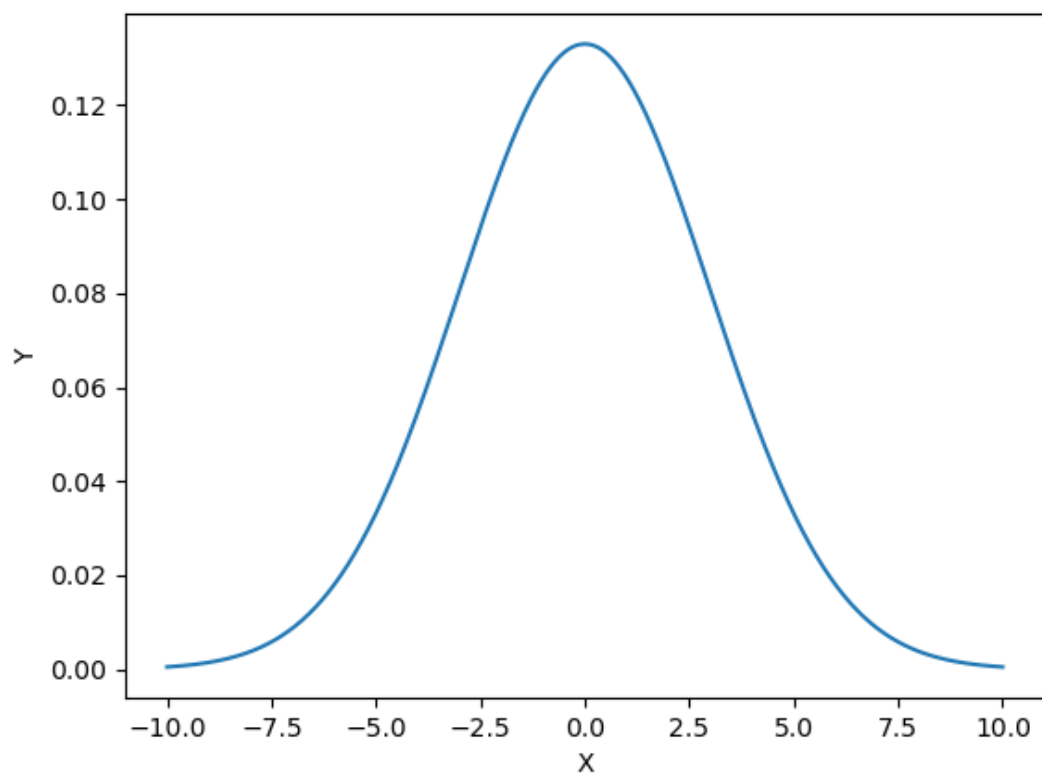


Figure 1: Gaussian function  $Y(X)$ , with unitless  $X$  and  $Y$ . Github account: IvanZiabkin