0.0.1 Question 1 (5 pts): Getting to know you

Since CSCI 3022 involves quite a bit of math, we'd like to learn about your math background. Answer both of the questions in the single cell provided below. (Please do not add any additional cells for your answer).

a). How do you learn math best?

b). What was the last math class you took? Where and when did you take it and how did it go?

After you have typed your answer in the cell run the cell (hold down shift + return).

I learn math best when we do a lot of practice probelms in class with explanations after we try it ourselves. I also learn best when I work through problems with a partner in class. The last math class I took was linear algebra last semester. Unfortunately, my professor was always sick so we didn't learn much. However, the last time I took calculus was two years ago in high school (AP Calc BC), so I hope I'm not too rusty.

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0.0.2 Question 11 (5 pts)

Exponential functions and their derivatives will be used in this class when we discuss probability distributions.

To brush up on Calculus, evaluate the following derivative by hand:

$$\frac{d}{dx}\left(e^{x/4}\right)$$

Type your answer in the cell below using Markdown and LaTeX

$$\frac{d}{dx}(e^{x/4}) = e^{x/4} \times 1/4 = \frac{e^{x/4}}{4}$$