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Matplotlib Pt. 2

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I have always been weak with the matplotlib package. I did not understand why I was declaring so many objects, and what I need to do with those objects. This instruction set helped improve my understanding a lot. First, I always mis-interpreted ax as the "axis in X" and never understood why an ay term was missing. Now that I know it is for "axis" it makes more sense; we are adding a set of axes (x *and* y) to a figure. Additionally, I never thought matplotlib was very powerful, and usually just relied on Tableau for any advanced visuals. After seeing this I believe matplotlib does have a space in creating highly customized visuals. It is much more adaptable than Tableau and can be much more custom.

I had a specific problem that I could not understand on the Layouts and Legends book. I was not able to figure out why setting the xlim and ylim values *after* the values are plotted was so crucial. I tried moving the limits before the plotting and got a weird nonsense outcome. I tried finding answers on Google and stackoverflow and was not able to find anything, I may drop by office hours for an explanation soon!

Altogether, I think this was a very good exercise, especially because I now have access to a huge library of visualization troubleshooting assistance saved on my computer. I can use this file in the future whenever I need help understanding where my visual is going wrong, or if I need to visualize something new.