Tkinter

Tkinter is the standard GUI library for python programming. It is great for using object-oriented programming and GUI applications. When I took a python class in high school, we imported tkinter a couple of times for various programs and it was interesting and cool to use. It is useful to use when you are trying to write a program involving visual aspects with its widgets to make it feel less like text boxes.

Pillow

Pillow allows the user to open and save different file types and manipulate images. Whenever I am programming with python, I am interested in making it visual with pictures and animations, to make it feel like an app or website. Hopefully if I try out pillow it can enhance the programs that I might be making in the future.

Seaborn

Seaborn is used to draw in depth statistical graphs while coding with python. It can create graphs with multiple distinct colors, symbolizing the different values on the graph. As well as creating many diverse types of graphs that display information in other ways. This would be especially useful if trying to graph scientific information and observations.

Matplotlib

Matplotlib is a lot like Seaborn where it can create several types of data sets. The examples I found show it to be more algebraic graphs and functions while Seaborn is information inputs to create the graph. I could see Matplotlib being just as useful as Seaborn but they both have their own advantages.

NumPy

Numpy takes what Matplotlib does with graphs and functions and applies it to the max. It can create Linear algebra routines, advanced array operations, random number generation, and many others. As a calculus student I can see many ways that I can apply this package to math and statistics.