

NON-CONFORMANCE REPORT

- **Problem**

1. The main issue that I faced was the plotting of the first graph where there was a lot of data which was too near to each other. The codes which I was doing was also giving me errors when I was using matplotlib.
2. Secondly, I was having troubles in finding out how to print the top 10 senders and recipients.
3. Additionally, my pie chart was not linked to my above sql, I had to find a way to link them in order they work with each other if the value changes.

• Impact

1. As all of the data were too near, it was not readable which value is for what month on the graph which causes an issue for analysis of the graph.
2. On my second trouble, it was causing all the senders to print and was not good as the question was asking for only the top senders.
3. Moving on to the last issue that I had, the pie chart was not connected to the above sql which means if the data in the sql had changed value, the pie chart would have stayed the same.

• How it occurred

1. The first one occurred as I had not put a figure size, therefore all data was near and no numbers were appearing clearly
2. I had not put a limit, there it was printing all the data.
3. The data was not connected to the sql

- **How to prevent it from happening again**

1. Always make use of a figsize when plotting a graph with many values
2. Always remember to use a limit when we want to print a certain amount of data
3. Always make sure that our code is linked to the above data when necessary

- **Plan or time to fix**

1. It took me one day to figure out how I could do it. I tried other ways and did some researches where I finally found out we could display it in any sizes
2. After seeking advice from the lecturer, it helped to understand that I had to put a limit to print a certain amount of data
3. Doing some researches on the internet for about 10 minutes helped me to connect both of them together