Non-Conformance Report (NCR)

The problem: The display of the x-axis values for day in the email_count per day graph is due to too many values.

Severity and Impact: since there was a lot of data for the x-axis and the type of data was not able to display properly, instead of displaying the different dates in the x-axis, it was displayed as a black line. Even when I tried to rotate the data and decrease the font size of the values, it was still displayed as a black line.

How it occurred: It happened due to the huge amount of data that needed to be interpreted within a smaller space .since there were a lot of values, it was also difficult to draw any conclusion from the graph as there was no specific trend that could have been noted from the graph.

How to prevent it from happening again: Therefore, the next time I will have to interpret data with such a big scale, I will not be using a line chart as a method of displaying the data, or if I need to use a line chart I will use a shorter format for the display of the values for the day.

Plan or time estimate to fix: Since fixing the issue, only the format of the date needs to be changed, the problem could be fixed within an hour as only the SQL query needs to be changed, and then the new data will be stored in a DataFrame where it would be used to plot the new graph.