

## ENRON EMAIL ANALYSIS – NON-CONFORMANCE REPORT

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Student Name: Marcharchand Shreenah

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Student ID: 21013681

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Lecturer Name: Ramchurn Navishna

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Workshop Time: Monday, 13.40-15.50

- **PROBLEM STATEMENT.**

A recurrent problem that I encountered while doing this assignment was that I could not plot my graphs with the appropriate axis.

Import seaborn as sns and another was a connection as conn in

```
top_senders_df = pd.read_sql_query(sql_senders, conn)
```

- **SEVERITY AND IMPACT.**

Unable to recognise data for the messageperday, messageperweek, and messagepermonth and there was label in both my y-axis and x-axis for all the line graphs.

Also, I could not plot my bar chart for `top_senders` as my connection was not recognised in my code namely, `top_senders_df = pd.read_sql_query(sql_senders, conn)`.

- **HOW IT OCCURRED.**

The error occurred when I did not re-execute and run all my codes from the beginning and also, I did not import seaborn as sns.

- **HOW TO PREVENT IT FROM HAPPENING AGAIN.**

Since I imported seaborn as sns and the `conn = sqlite3.connect("enron.db")` was already written and the code was still not executed, it was again written above the code `top_senders_df = pd.read_sql_query(sql_senders, conn)` so that it could be recognised and defined. When all of this was done, the data required while plotting the bar chart and line graphs appeared.

- **PLAN OR TIME ESTIMATE TO FIX.**

After re analysing line by line every code carefully, and re-run every written code snippet, it took me nearly two to three hours to figure out what was wrong and where the error was in order for my codes to run and to obtain the necessary output.