EE3801 Lab 3 Report

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**Submission guidelines:**

1) Start to put your results in this report **from Page 2** onwards. You need to submit **this report** (capturing all the results and screenshots) following the order of questions. **Put question number clearly and then copy the results below.**

2) Pack your **report (in PDF) + your single file code** **+ all output csv files** as a zipped file and name your file as "**EE3801\_Lab3\_<your\_name>.zip** ".

3) Submit all your code in a single python file. Include the question number as a comment before the snippet of code relevant to the question (refer to screenshot below). We will not be able to deduce which parts of your code is intended for a particular question if you fail to do this.

Note: Your code will be run sequentially hence you do not have to re-import or re-initialise certain variables for each part.

文本

描述已自动生成

Figure 1: Code Snippets with comment showing the Question number.

*[ START PUTTING YOUR RESULTS FROM HERE; USE ADDITIONAL PAGES AS NECESSARY]*

**Special note:**

**For questions that require messages/data to be displayed/printed, indicate the question number in the print statement.** Messages without a question number attached to it will not be considered.

**For questions that requires a new dataframe to be created, fill in the tables below with the names of each dataframe. Only dataframes recorded in this sheet will be considered.**

|  |  |
| --- | --- |
| Question | Dataframe name |
| 2b | df |
| 2c | filtered\_df |
| 2e | output\_df |

**For questions that require screenshots to be created, include the screenshots in the table below. Make sure that all the necessary details are clearly displayed.**

|  |  |
| --- | --- |
| Question | Plot |
| 1 | A screenshot of a computer  Description automatically generated |
| 3 | A screenshot of a computer  Description automatically generated  A screenshot of a computer  Description automatically generated |
| 4 | **A screenshot of a computer  Description automatically generated**A screenshot of a computer  Description automatically generated |
| 5 | A screenshot of a computer  Description automatically generated |
| 7 | A screenshot of a computer screen  Description automatically generated |
| 8 | A screenshot of a computer  Description automatically generatedA screenshot of a computer  Description automatically generated |
| 10 | **A screenshot of a computer  Description automatically generated** |