

## ETW2001 Group Assignment Rubric (30 marks)

The following rubric is designed as a guideline for you to answer the assignment questions.

SECTION	GUIDE	MARKS
A	<ul style="list-style-type: none"> <li>Present the raw data with minimum 1000 observations.</li> </ul>	2
	<ul style="list-style-type: none"> <li>Describe the raw data using R functions such as summary, str or others. Explain the missing values, outliers and other information about the data.</li> </ul>	2
	<ul style="list-style-type: none"> <li>Explain the methods used for data cleaning and present the output of the cleaned data.</li> </ul>	2
	<ul style="list-style-type: none"> <li>Write a problem statement with maximum 500 words explaining the objectives of the study. Make sure the problem statements and elaborations are helpful to create visualizations and interpretations in Section C.</li> </ul>	2
	<ul style="list-style-type: none"> <li>R script</li> </ul>	2
B	<ul style="list-style-type: none"> <li>Present the second dataset which is related to your raw data and problem statement explained in Section A. There is no restriction for the second dataset in terms of variables and number of observations.</li> </ul>	2
	<ul style="list-style-type: none"> <li>Describe the data using functions such as summary, str or others. Explain the missing values, outliers and other information about the data if there is any, if not description of data is enough.</li> </ul>	2
	<ul style="list-style-type: none"> <li>Use at least three JOIN functions to perform data joining and present the outputs (new data frames formed from data joining).</li> </ul>	2
	<ul style="list-style-type: none"> <li>Explain the outputs of the data joining process.</li> </ul>	2
	<ul style="list-style-type: none"> <li>R script</li> </ul>	2
C	The visualizations could be created using any variables from the datasets in Section A or Section B.	
	<ul style="list-style-type: none"> <li>5 charts with correct labels.</li> </ul>	5
	<ul style="list-style-type: none"> <li>5 insightful interpretations.</li> </ul>	5

## ETW2001 Group Assignment Presentation (10 marks)

The group assignment presentation will be conducted online. It is **compulsory for all the members from every group to present**. The time provided for presentation for each group is **15 minutes (10 minutes for presentation and 5 minutes for Q & A)**. The schedule and zoom details are below:

**Date** : 1<sup>st</sup> June 2023 (Thursday)

**Platform** : Zoom

Note to students:

1. Time management is important. Each group is given 10 minutes to present. Any delay will affect other presentation groups. Please be considerate.
2. Please **join the zoom presentation 5 minutes before** your scheduled time to get ready.
3. If you and/or your group member(s) cannot make it for the scheduled presentation, please liaise directly with group members in your desired time slot and do a swapping of groups. Inform your tutor via email once it's done. You must cc all members in both groups in the email. Cut-off date and time for group swapping is Tuesday, 30/6/2023 5:00pm. Any request made to change presentation time will not be entertained after that.

SESSION	GROUP <a href="#">(Google Sheet)</a>	ZOOM
9:00am – 9:10am	4	Ms. Toh  Meeting ID: 818 361 001 Passcode: 156298  <a href="#">Link</a>
9:20am – 9:30am	9	
9:40am – 9:50am	10	
10:00am – 10:10am	11	
10:20am – 10:30am	13	
10:40am – 10:50am	14	
11:00am – 11:10am	25	
11:20am – 11:30am	30	
11:40am – 11:50am	31	
12:00pm – 12:10pm	35	
12:20pm – 12:30pm	40	
12:40pm – 12:50pm	43	

SESSION	GROUP ( <a href="#">Google Sheet</a> )	ZOOM
9am – 10am	1-3, 5	Dr. Mogana  Meeting ID: 868 8560 3677 Passcode: 625774  <a href="#">Link</a>
10am – 11pm	6-8, 12	
11pm – 12pm	15-18	
12pm – 1pm	19-22	
2pm – 3pm	23,24,26,27	
3pm – 4pm	28, 29, 32, 33	
4pm – 5pm	34, 36, 37, 38	
5pm – 6pm	39, 41, 42, 44, 45	