TEB2164 Introduction to Data Science
Lab 5b- Create, display, access and modify using data frame

Learning Outcomes

At the end of the session, you will be able to:

- Creating data frame and displaying values from data frame
- Accessing values in data frame and expanding row and column of data frame

Activity

1. Write a R program to store the table as below in data frame:

	name	score	attempts
1	Anastasia	12.5	1
2	Dima	9.0	3
3	Michael	16.5	2
4	Matthew	12.0	3
5	Laura	9.0	2
6	Kevin	8.0	1
7	Jonas	19.0	2

2. Using same table as Question 1, add new column as below.

	name	score	attempts	qualify
1	Anastasia	12.5	1	yes
2	Dima	9.0	3	no
3	Michael	16.5	2	yes
4	Matthew	12.0	3	no
5	Laura	9.0	2	no
6	Kevin	8.0	1	no
7	Jonas	19.0	2	yes

3. Using same table as Question 1, add new row as below.

8	Emily	14.5	1	yes

4. Display the structures, summary and the number of rows and columns of the data frame. What is your observation or insight of the dataset? [Clue: change the column data type to get the summary]

Submission

- Submit to your GA.