

Assignment 1: R Markdown practice

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1 How the Course Works

The weekly interactive tutorials must be completed by the start of each week. Then each weekly assignment will be due at the end of each week.

2 Course Goals

By the end of the course, students will be able to:

- Use [GitHub](#) for creating a reproducible research document
 - My GitHub username is: *Yahya050*
- Obtain, clean, transform and visualize a dataset using the R programming language.
- Interpret and predict dataset trends using statistical inference and models.
- Critically examine and interpret statistical claims reported in mass media.

3 Including Code

3.1 Running R code in a code chunk

```
x<- 2+2  
x + 3
```

```
## [1] 7
```

The output of the first line of code is not printed out as it is assigned to a variable instead.

The second line of output is printed out instead, but this means that the calculated value has not been saved for future use.

3.2 Displaying Graphs

```
ggplot2::qplot(data = iris, x = Sepal.Length, y = Sepal.Width)
```

```
## Warning: 'qplot()' was deprecated in ggplot2 3.4.0.  
## This warning is displayed once every 8 hours.  
## Call 'lifecycle::last_lifecycle_warnings()' to see where this warning was  
## generated.
```

