Assignment 1: R Markdown practice

GitHub username: JTHACK5.git

Iftekher Abir

2025-09-15

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 the 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: *JTHACK5*

- 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

```r
x <- 2 + 4
x + 9
```

```
## [1] 15
```

The output of first line of code is not printed out because 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

$\mathbf{plot(x = iris}Sepal.Length, y = iris\mathbf{Sepal.Width)}$

```
plot(x = iris$Sepal.Length, y = iris$Sepal.Width)
```