R markdown exercise

## Immutability of data structure

This is a **simple** R Markdown document that *illustrates* what it means for variables to be “immutable.”

We first create a variable called x by assigning it to the value 3. We then create a second variable y and assign it to the value of x.

x <- 3  
y <- x

Now observe what happens to the value of x when we change the value of y

y <- -1  
print(x)

## [1] 3

In short, we should think of x and y as independent of each other. Changing the value of one will not affect the value of the other.