




DATA VISUALIZATION WITH R





See biology differently. Learn how to turn complex biological data into clear, compelling visuals.


 HackBio




 Dashboard

 Internships


 Internship Courses

 Career Paths


 CP Courses

Upcoming Internships

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 **Welcome back, Tbusayo**

-- Your Internships



Data Visualization in Bio (vizbio)

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Proceed



My First R Studio Exploration

- I wrote a simple script to print my favorite gene and organism

Script

The screenshot shows the RStudio interface. The left pane contains an R script with the following code:

```
1 # Simple R script to print personal and biological information
2
3 name <- "Busayo Tofio"
4 affiliation <- "a researcher at the University of Ibadan"
5 favorite_gene <- "blaCTX-M"
6 organism <- "Escherichia coli"
7
8 output <- paste(
9   "Hi, my name is", name,
10  ",", affiliation,
11  ". My favorite gene is", favorite_gene,
12  "in", organism, "."
13 )
14
15 print(output)
16
17
```

The right pane shows the Environment tab with the following values:

Variable	Value
affiliation	"a researcher at the University of Ibadan"
favorite_gene	"blaCTX-M"
name	"Busayo Tofio"
organism	"Escherichia coli"
output	"Hi, my name is Busayo Tofio , a researcher at..."

Output

The bottom pane shows the Console output:

```
> source("~/HACKBIO/hackbio28.R")
[1] "Hi, my name is Busayo Tofio , a researcher at the University of Ibadan . My fa
vorite gene is blaCTX-M in Escherichia coli ."
```