

## r\_script2.r

```
# Example R Script 2
# Generate some random data
set.seed(456)
data <- data.frame(
  ID = 1:10,
  Height = rnorm(10, 170, 10),
  Weight = rnorm(10, 70, 5)
)
# Print summary statistics
summary(data)
# Create a scatter plot of Height vs. Weight
plot(data$Weight, data$Height, main = "Height vs. Weight", xlab = "Weight (kg)", ylab = "Height (cm)")
# Save the plot as a PNG file
png("scatter_hw.png")
plot(data$Weight, data$Height, main = "Height vs. Weight", xlab = "Weight (kg)", ylab = "Height (cm)")
dev.off()
# Print a message
cat("Example R Script 2 completed successfully!\n")
```

## r\_script1.r

```
# Example R Script 1
# Generate some random data
set.seed(123)
data <- data.frame(
  ID = 1:10,
  Age = rnorm(10, 30, 5),
  Income = rnorm(10, 50000, 10000)
)
# Print summary statistics
summary(data)
# Create a histogram of Age
hist(data$Age, main = "Age Distribution", xlab = "Age", ylab = "Frequency")
# Save the plot as a PNG file
png("hist_age.png")
hist(data$Age, main = "Age Distribution", xlab = "Age", ylab = "Frequency")
dev.off()
# Print a message
cat("Example R Script 1 completed successfully!\n")
```