

# r\_script2

```
# 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

```
# 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")
```