

RStudio

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```
1 # Load the AirPassengers dataset
2 data("AirPassengers")
3 # Create a histogram with specified bins
4 hist(AirPassengers, breaks = seq(100, 700, by = 150), xlim = c(100, 700),
5      main = "Histogram of AirPassengers dataset",
6      xlab = "Passenger Count", ylab = "Frequency")
```

Console (Top Level)

```
R 4.3.0 ~/>
> # Create a histogram with specified bins
> data("AirPassengers")
> # Create a histogram with specified bins
> hist(AirPassengers, breaks = seq(100, 700, by = 150), xlim = c(100, 700),
+      main = "Histogram of AirPassengers dataset",
+      xlab = "Passenger Count", ylab = "Frequency")
```

Environment History Connections Tutorial

Global Environment

Values

airpassengers	time series [1:144] from 1949 to 1960: 112 118 115 124 12...
bin_boundaries	int [1:51] NA NA 1 1 1 1 1 1 1 ...
bin_boundaries_clean	num [1:51] NA NA NA NA NA NA NA NA NA ...
bin_means	num [1:3(1d)] 7.36 17.12 25
class_a	num [1:9] 51 56 84 60 59 70 63 66 50
class_b	num [1:9] 51 56 84 60 59 70 63 66 50
cor_bc	(0.48305460001187)
cov_bc	1.42 2.22222222222222
data	num [1:5] 200 300 400 600 1000
mean_a	65.7777777777778
mean_b	62.1111111111111
mean_comparison	"class A"
median_a	66

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Histogram of AirPassengers dataset

Frequency

Passenger Count

The histogram displays the frequency of passenger counts for the AirPassengers dataset. The x-axis is labeled 'Passenger Count' and ranges from 100 to 700. The y-axis is labeled 'Frequency' and ranges from 0 to 100. The histogram consists of several bars of varying heights, with the highest frequency occurring in the 100-150 range.