test

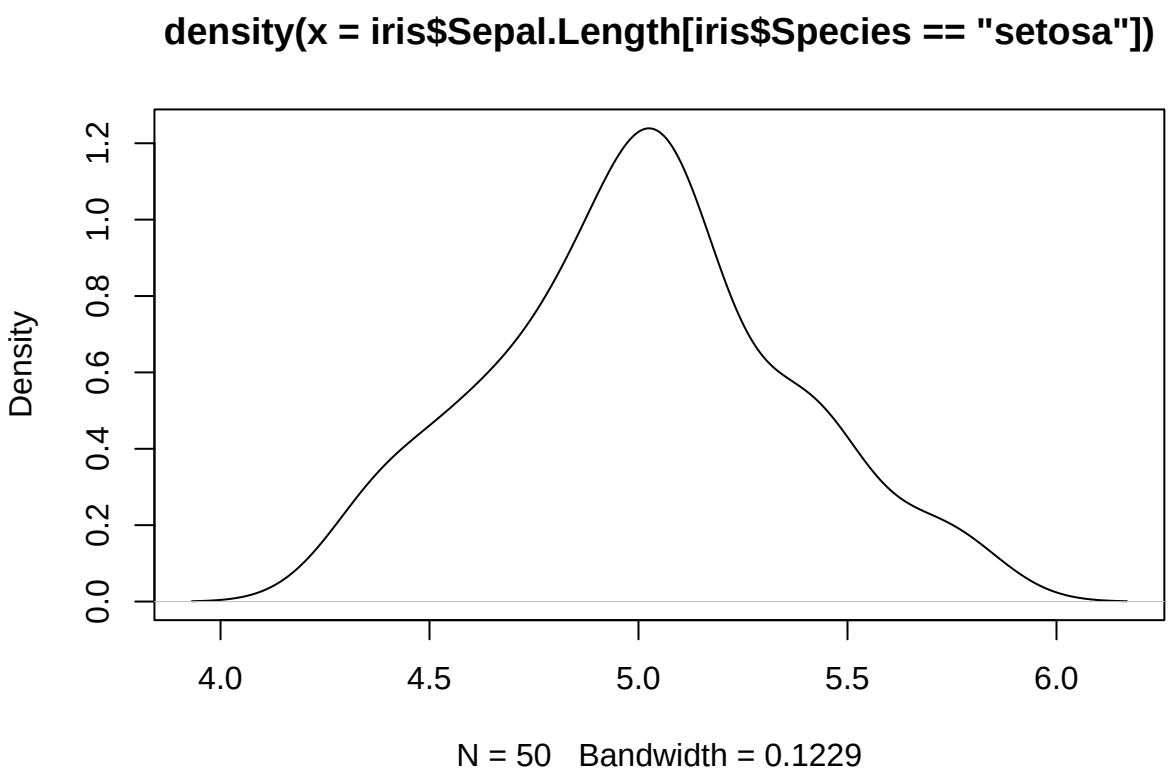
2025-11-05

I REALLY HOPE THIS WORKS

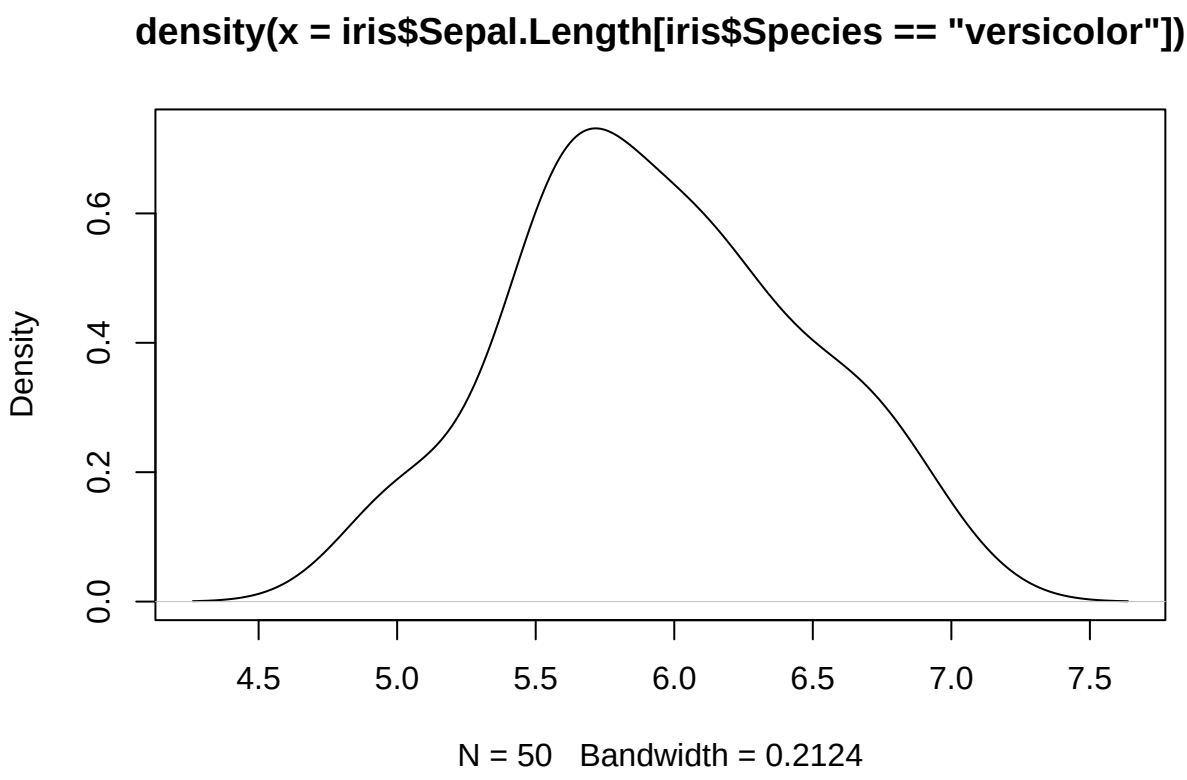
```
library(tidyverse)
```

```
## -- Attaching core tidyverse packages ------------------------ tidyverse 2.0.0 --
## v dplyr     1.1.4     v readr     2.1.5
## v forcats   1.0.0     v stringr   1.5.2
## v ggplot2   4.0.0     v tibble    3.3.0
## v lubridate 1.9.4     v tidyr     1.3.1
## v purrr     1.1.0
## -- Conflicts ------------------------------------------ tidyverse_conflicts() --
## x dplyr::filter() masks stats::filter()
## x dplyr::lag()    masks stats::lag()
## i Use the conflicted package (<http://conflicted.r-lib.org/>) to force all conflicts to become errors
```

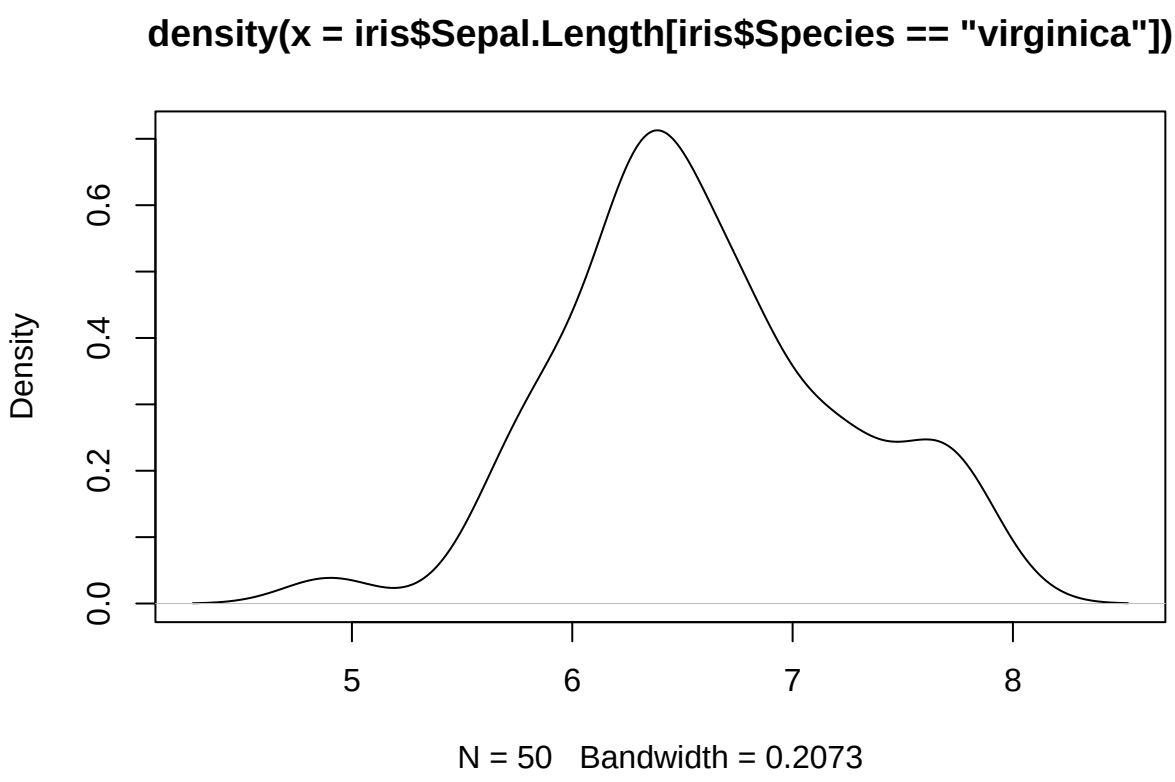
```
library(ggplot2)

view(iris)

## plot Sepal.Length for setosa
plot(density(iris$Sepal.Length[iris$Species == "setosa"]))
```




```
## plot Sepal.Length for versicolor
plot(density(iris$Sepal.Length[iris$Species == "versicolor"]))
```



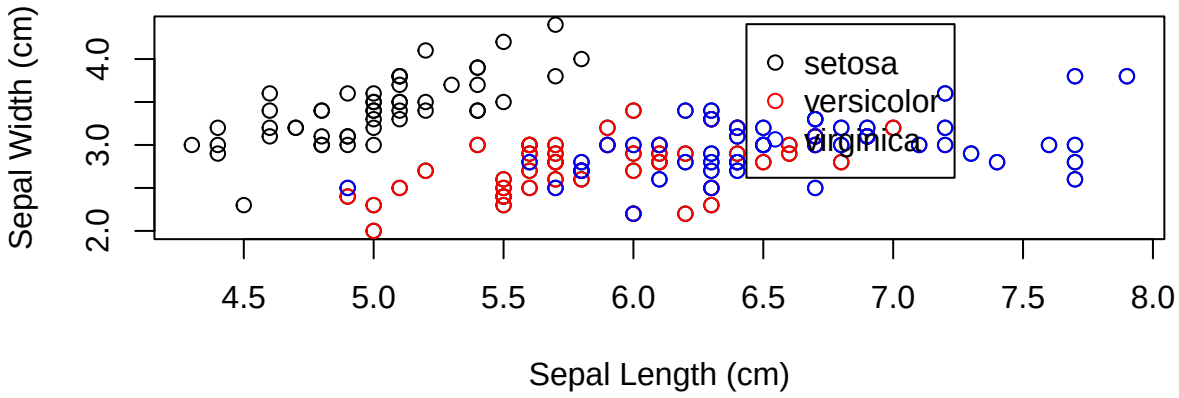

```
## plot Sepal.Length for virginica
plot(density(iris$Sepal.Length[iris$Species == "virginica"]))
```



italics **bold**

```
##      speed           dist
##  Min.   : 4.0   Min.   :  2.00
##  1st Qu.:12.0   1st Qu.: 26.00
##  Median :15.0   Median : 36.00
##  Mean   :15.4   Mean   : 42.98
##  3rd Qu.:19.0   3rd Qu.: 56.00
##  Max.   :25.0   Max.   :120.00
```

```
# produce scatterplot
plot(iris$Sepal.Length, iris$Sepal.Width,
     xlab = "Sepal Length (cm)", ylab = "Sepal Width (cm)")
points(iris$Sepal.Length[iris$Species == "versicolor"],
       iris$Sepal.Width[iris$Species == "versicolor"], col = "red")
points(iris$Sepal.Length[iris$Species == "virginica"],
       iris$Sepal.Width[iris$Species == "virginica"], col = "blue")

## add legend
legend(par("usr")[2] * 0.8, par("usr")[4] * 0.98,
       legend = c("setosa", "versicolor", "virginica"),
       pch = c(1, 1, 1),
       col = c("black", "red", "blue"))
```


Sepal Width (cm)
2.0
3.0
4.0
4.5
5.0
5.5
6.0
6.5
7.0
7.5
8.0
Sepal Length (cm)
setosa
versicolor
virginica