

# ST558-651 Homework 2

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## Lena



## Info

**Image Infomration** This is a *famous image* used in **image processing**. Her name is Lena. For more details, check [this website](#).

## References

- Carole Hersee
- Lorem ipsum
  - filler text
  - useful for templates
- Shirley cards
- Suzanne
- Utah teapot
- China Girl

## Iris

### Averages

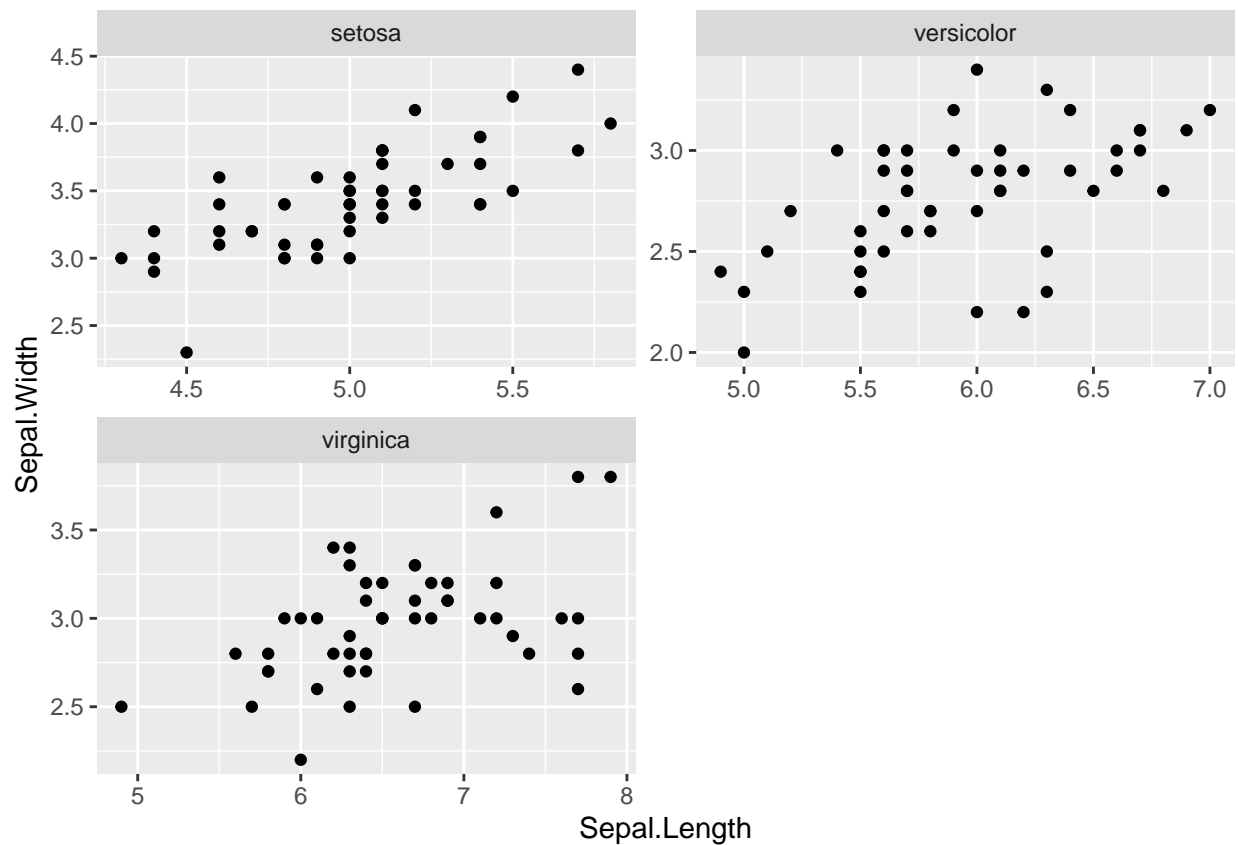
The `iris` data set includes information about iris flowers. Here are the means for the *Sepal Length* and *Sepal Width* variables using the `mean` and `round` functions:

avgLength	avgWidth
5.84	3.06

### Plot Across Years

The code given here will produce plots of `Sepal.Length` vs `Sepal.Width` for the three **Species**. Note: this uses the `ggplot2` package - part of the `tidyverse`.

```
library(ggplot2)
ggplot(iris, aes(x=Sepal.Length, y=Sepal.Width)) +
  geom_point() +
  facet_wrap(~ Species, ncol=2, scales='free')
```



The smallest *Sepal Length* overall is 4.3.