



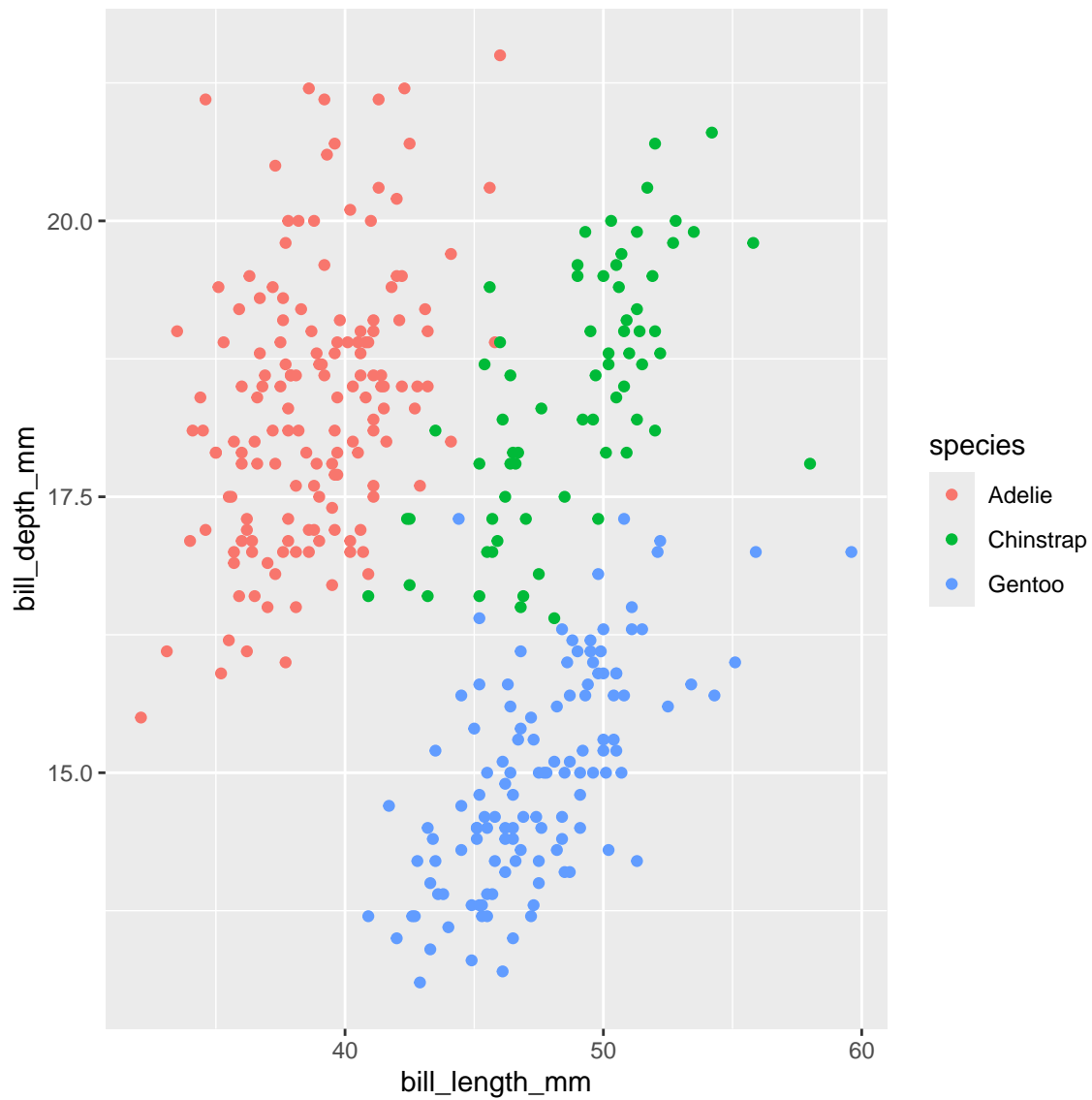
# Emory NRS 736: Quantitative Analysis of Clinical Research Data

## Week 01: Welcome and Introductions

### Load some R packages

```
library(palmerpenguins)
library(dplyr)
library(ggplot2)
```

```
ggplot(data = penguins,
       aes(x = bill_length_mm,
           y = bill_depth_mm,
           color = species)) +
  geom_point()
```





## Placeholder boilerplate.

To learn more about Quarto websites visit <https://quarto.org/docs/websites>.

1 + 1

[1] 2

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## Another section

### subsection 1

cars summary stats

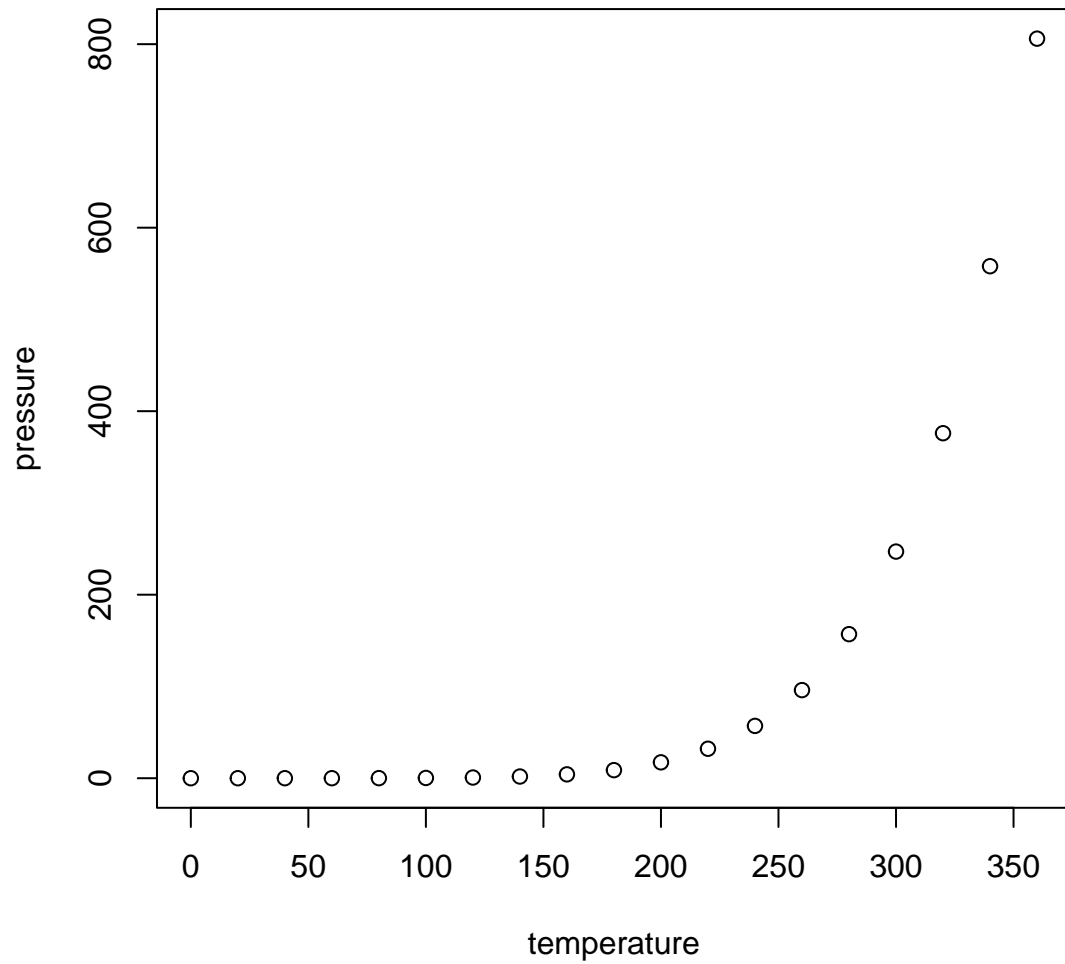
```
summary(cars)
```

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

### subsection 2

plots

```
plot(pressure)
```





## R Code For This Module

add later maybe

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## References

- Horst, Allison, Alison Hill, and Kristen Gorman. 2022. *Palmerpenguins: Palmer Archipelago (Antarctica) Penguin Data*. <https://allisonhorst.github.io/palmerpenguins/>.
- R Core Team. 2025. *R: A Language and Environment for Statistical Computing*. Vienna, Austria: R Foundation for Statistical Computing. <https://www.R-project.org/>.
- Wickham, Hadley. 2016. *Ggplot2: Elegant Graphics for Data Analysis*. Springer-Verlag New York. <https://ggplot2.tidyverse.org>.
- Wickham, Hadley, Winston Chang, Lionel Henry, Thomas Lin Pedersen, Kohske Takahashi, Claus Wilke, Kara Woo, Hiroaki Yutani, Dewey Dunnington, and Teun van den Brand. 2024. *Ggplot2: Create Elegant Data Visualisations Using the Grammar of Graphics*. <https://ggplot2.tidyverse.org>.
- Wickham, Hadley, Romain François, Lionel Henry, Kirill Müller, and Davis Vaughan. 2023. *Dplyr: A Grammar of Data Manipulation*. <https://dplyr.tidyverse.org>.
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## Other Helpful Resources

other stuff here maybe