Addressing Common Errors in R

Errors vs. Warnings

Error

- In red

- Stops the code from being run

- Must address before moving forward

Warning

- In red

- Does NOT stop code from being run

- Check the results before moving forward

Could Not Find Function

• Means you need to install a library

```
Error in ggplot(height_df, aes(x = height)) :
  could not find function "ggplot"
```

Object Not Found

- Something you referenced does not exist because:
    - Prior code did not run
    - Typos / non-matching spellings
    - Syntax issues

```
Error: object 'd' not found
>
```

Non-Numeric Argument to Binary Operator

- Most likely a syntax (punctuation) issue
- Trying to do math on non-math things
- Ensure:
  - You're using numbers if applicable
  - Quotes are closed
  - Parentheses & brackets are closed
  - Commas are where they should be
  - Plus signs included when needed

```
Error in ggtitle("Histogram of Heights") + xlab("Height (in cm)") :
  non-numeric argument to binary operator
```

Unexpected Symbol

- Missing punctuation
  - Quotes
  - Parentheses
  - Brackets
  - Comma

```
Error: unexpected symbol in:
"faithful_histogram <- ggplot(faithful, aes(x = eruptions)
faithful_histogram"
```

My Console Won't Stop

- Forgot to close something
- Console continues waiting for input
- To stop:
  - Add missing component
  - Esc key when in console

```
> faithful_histogram <- ggplot(faithful, aes(x = eruptions))
> faithful_histogram + geom_histogram(
+ |
```