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Common problems when visualizing in R

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Common problems encountered when visualizing in R.pdf

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Coding errors are an inevitable part of writing code—especially when you are first beginning to learn a new programming language. In this reading, you will learn how to recognize common coding errors when creating visualizations using **ggplot2**. You will also find links to some resources that you can use to help address any coding problems you might encounter moving forward.

Common coding errors in ggplot2

When working with R code in ggplot2, a lot of the most common coding errors involve issues with syntax, like misplaced characters. That is why paying attention to details is such an important part of writing code. When there is an error in your code that R is able to detect, it will generate an error message. Error messages can help point you in the right direction, but they won't always help you figure out the precise problem.

Let's explore a few of the most common coding errors you might encounter in ggplot2.

Case sensitivity

R code is case sensitive. If you accidentally capitalize the first letter in a certain function, it might affect your code. Here is an example:

Glimpse (penguins)

The error message lets you know that R cannot find a function named "Glimpse":

```
Error in Glimpse(penguins) : could not find function "Glimpse"
```

But you know that the function `glimpse` (lowercase "g") does exist. Notice that the error message doesn't explain exactly what is wrong but does point you in a general direction.

Based on that, you can figure out that this is the correct code: