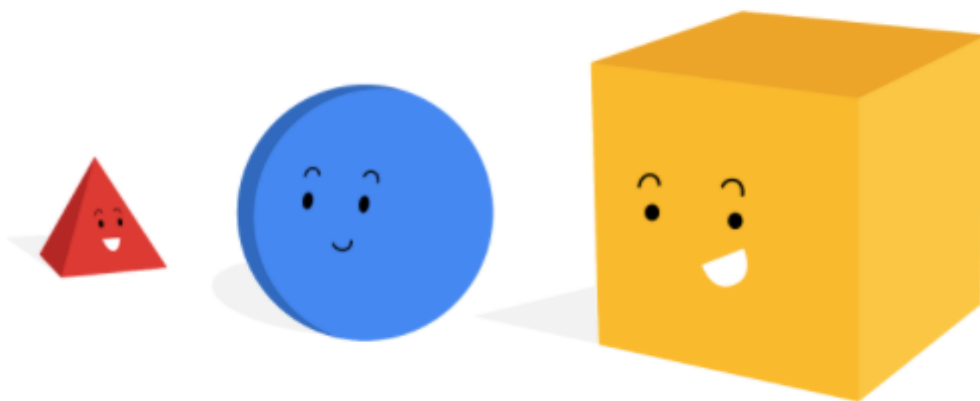




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Aesthetic attributes

In this reading, you will learn about the three basic aesthetic attributes to consider when creating ggplot2 visualizations in R: **color**, **size**, and **shape**. These attributes are essential tools for creating data visualizations with ggplot2 and are built directly into its code.



Aesthetics in ggplot2

Ggplot2 is an R package that allows you to create different types of data visualizations right in your R workspace. In ggplot2, an **aesthetic** is defined as a visual property of an object in your plot.

There are three aesthetic attributes in ggplot2:

- **Color:** this allows you to change the color of all of the points on your plot, or the color of each data group
- **Size:** this allows you to change the size of the points on your plot by data group
- **Shape:** this allows you to change the shape of the points on your plot by data group

Here's an example of how aesthetic attributes are displayed in R:

```
ggplot(data, aes(x=distance, y= dep_delay, color=carrier, size=air_time,
```