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Test your knowledge on data visualizations in R

GESAMTPUNKTZAHL 4

1. In ggplot2, you can use the ____ function to specify the data frame to use for your plot.

1 / 1 Punkt

- ☒ ggplot()
- ☐ aes()
- ☐ labs()
- ☐ geom_point()

✓ Richtig

In ggplot2, you can use the ggplot() function to specify the data frame to use for your plot.

2. In ggplot2, you use the plus sign (+) to add a layer to your plot.

1 / 1 Punkt

- ☒ True
- ☐ False

✓ Richtig

In ggplot2, you use the plus sign (+) to add a layer to your plot.

3. In ggplot2, what function do you use to map variables in your data to visual features of your plot?

1 / 1 Punkt

- ☐ The geom_bar() function
- ☐ The ggplot() function
- ☐ The geom_point() function
- ☒ The aes() function

✓ Richtig

In ggplot2, you use the aes() function to map variables in your data to visual features of your plot. These features are known as aesthetics.

4. What type of plot will the following code create?

1 / 1 Punkt

- ```
ggplot(data = penguins) +
 geom_point(mapping = aes(x = flipper_length_mm, y = body_mass_g))
```
- ☐ Line diagram
  - ☒ Scatterplot
  - ☐ Bar chart
  - ☐ Boxplot

✓ Richtig

The code will create a scatterplot. The function geom\_point() uses points to create a scatterplot.