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Test your knowledge on R packages

GESAMTPUNKTZAHL 3

1. When using RStudio, what does the `installed.packages()` function do?

1 / 1 Punkt

- ☐ Installs all available packages for use in an RStudio session
- ☒ Presents a list of packages currently installed in an RStudio session
- ☐ Selects the best packages to use based on an analyst's current needs
- ☐ Creates code for analysts to use to edit their packages

✓ Richtig

The `installed.packages()` function shows a list of packages currently installed in an RStudio session. You can then locate the names of the packages and what's needed to use functions from the package.

2. In data analytics, what is CRAN?

1 / 1 Punkt

- ☐ A function for finding packages to use for analysis in RStudio
- ☐ An R interface that has many of the same functions as RStudio
- ☐ A collection of packages that function together to make analysis in R more efficient
- ☒ A commonly used online archive with R packages and other R resources

✓ Richtig

CRAN is a commonly used online archive with R packages and other R resources. CRAN makes sure that the R resources it shares follow the required quality standards and are authentic and valid.

3. What are `ggplot2`, `tidyr`, `dplyr`, and `forcats` all a part of?

1 / 1 Punkt

- ☐ A collection of commonly used, CRAN-based data sets
- ☒ A collection of core tidyverse packages
- ☐ A list of functions that clean data efficiently
- ☐ A list of variables for use in programming in RStudio

✓ Richtig

The packages `ggplot2`, `tidyr`, `dplyr`, and `forcats` are part of a collection of eight core tidyverse packages. The other core packages are: `tibble`, `readr`, `purrr`, and `stringr`.