

✓ Congratulations! You passed!

Grade received 100% To pass 80% or higher

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1. When working in R, for which part of the data analysis process do analysts use the tidy package?

1 / 1 point

- ☐ Data visualization
- ☒ Data cleaning
- ☐ Data calculations
- ☐ Data security

✓ Correct

Analysts use the tidy package for data cleaning. It works with wide and long data to make sure every part of a data table or data frame is the right data type and in the right place.

2. Which tidyverse package contains a set of functions, such as select(), that help with data manipulation?

1 / 1 point

- ☐ ggplot2
- ☐ forcats
- ☐ readr
- ☒ dplyr

✓ Correct

The dplyr package is the tidyverse package which contains a set of functions, such as select(), that help with data manipulation. For example, select() selects only relevant variables based on their names.

3. An analyst is organizing a dataset in RStudio using the following code:

1 / 1 point

```
arrange(filter(Storage_1, inventory >= 40), count)
```

Which of the following examples is a nested function in the code?

- ☐ inventory
- ☐ arrange
- ☐ count
- ☒ filter

✓ Correct

In the analyst's code, filter is the nested function. It is embedded in the argument of the broader arrange function.