✔ **Congratulations! You passed!**

Grade received 100%   To pass 80% or higher

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1. Which of the following are best practices for creating data frames? Select all that apply. `1 / 1 point`

☑ Columns should be named

> ✔ **Correct**
> When creating data frames, columns should be named and each column should contain the same number of data items.

☐ Rows should be named

☐ All data stored should be the same type

☑ Each column should contain the same number of data items

> ✔ **Correct**
> When creating data frames, columns should be named and each column should contain the same number of data items.

2. Why are tibbles a useful variation of data frames? `1 / 1 point`

○ Tibbles can create row names

○ Tibbles make changing the names of variables easier.

○ Tibble can change the data type of inputs

◉ Tibbles make printing easier

> ✔ **Correct**
> Tibbles can make printing easier. They also help you avoid overloading your console when working with large datasets. Tibbles are automatically set to only return the first ten rows of a dataset and as many columns as it can fit on the screen.

3. Tidy data is a way of standardizing the organization of data within R. `1 / 1 point`

◉ True

○ False

> ✔ **Correct**
> Tidy data refers to the principles that make data structures meaningful and easy to understand. It's a way of standardizing the organization of data within R.

4. Which R function can be used to make changes to a data frame? `1 / 1 point`

○ head()

◉ mutate()

○ str()

○ colnames()

> ✔ **Correct**
> The mutate() function can be used to make changes to a data frame.