Comprehension Check due May 9, 2021 06:59 +03

In this part of the assessment, you will import real datasets and learn more about useful arguments to **readr** functions. You will encounter common issues that arise when importing raw data. This part of the assessment will require you to program in R.

Use the **readr** package in the **tidyverse** library:

```
library(tidyverse)
```

Question 14

1/1 point (graded)

Inspect the file at the following URL:

https://archive.ics.uci.edu/ml/machine-learning-databases/breast-cancer-wisconsin/wdbc.data

Which **readr** function should be used to import this file?

- ○ `read_table()`
- ◉ `read_csv()`
- ○ `read_csv2()`
- ○ `read_tsv()`
- ○ None of the above

✔

Answer

Correct: Correct - this is a comma-separated value file.

Submit

You have used 1 of 2 attempts

Answers are displayed within the problem

Question 15

1/1 point (graded)

Check the documentation for the **readr** function you chose in the previous question to learn about its arguments. Determine which arguments you need to the file from the previous question:

```
url <- "https://archive.ics.uci.edu/ml/machine-learning-databases/breast-ca
```

Does this file have a header row? Does the **readr** function you chose need any additional arguments to import the data correctly?

- Yes, there is a header. No arguments are needed.
- Yes, there is a header. The `header=TRUE` argument is necessary.
- Yes, there is a header. The `col_names=TRUE` argument is necessary.
- No, there is no header. No arguments are needed.
- No, there is no header. The `header=FALSE` argument is necessary.
- ✔ No, there is no header. The `col_names=FALSE` argument is necessary.

Answer

Correct:

Correct! There are no variable names in the first row, and the correct argument to skip the header in **readr** is `col_names=FALSE`.

Submit

You have used 1 of 2 attempts

Answers are displayed within the problem

Question 16

2/2 points (graded)

Inspect the imported data from the previous question.

How many rows are in the dataset?

569 ✔ **Answer:** 569

569

Answer code

```
url <- "https://archive.ics.uci.edu/ml/machine-learning-databases/breast-cancer-wisconsin/wdbc.data"
          df <- read_csv(url, col_names = FALSE)
          nrow(df)
```

How many columns are in the dataset?

32 ✔ **Answer:** 32

32

Answer code

```
ncol(df)
```

Submit

You have used 1 of 10 attempts

Answers are displayed within the problem