



Microsoft: DAT209x Programming in R for Data Science



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Question 1

(1/1 point)

Which function should you use to display the structure of an R object?

☐ summary()☐ structure()☐ print()☒ str() ✓*You have used 1 of 2 submissions*

Question 2

▼ 8. Working with Data

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Lab

**► 9. Manipulating Data**

(1/1 point)

You have two data frames dat1 and dat2 with the following data:

> dat1

name age

1 Cat 9

2 Vic 7

3 Osc 4

> dat2

name gender

1 Vic male

2 Jon male

3 Cat female

How many rows is the resulting dataset when you run the following command?

merge(dat1, dat2)

☒ 2 ✓☐ 3☐ 4

☐ 6

You have used 2 of 2 submissions

Question 3

(1/1 point)

What about if you run the following command instead?

```
merge(dat1, dat2, all = TRUE)
```

☐ 2☐ 3☒ 4 ✓☐ 6

You have used 1 of 2 submissions

Question 4

(1/1 point)

Which command should you use to filter out the Nas from the Solar.R column of the airquality dataset?

- ☐ `filter(airquality, !is.na(Solar.R))`
- ☒ `subset(airquality, !is.na(Solar.R))` ✓
- ☐ `filter(airquality, is.na(Solar.R))`
- ☐ `subset(airquality, is.na(Solar.R))`

You have used 1 of 2 submissions

Question 5

(1/1 point)

You have the following data frame.

```
> df
```

person.ID fruit

1 1 apple : 3 Orange : 9 banana:2

2 2 Orange:1 Apple: 3 banana: 10

3 3 banana : 3 Apple : 3 Orange : 04

You want to create a new data frame containing the number of banana eaten for each person. Drag and drop the following code to perform the complete solution.

pattern <-
".*banana[:]*
([0-9]*)".*

bananaVec <- as.numeric(sub(pattern, "\\1", df\$fruit, ignore.case = TRUE))

bananaDf <- data.frame(person.ID = df\$person.ID, number.of.banana = bananaVec)

pattern <-
".*banana[:]
([0-9]*)".*

pattern <-
"banana[:]*
([0-9]*)".*

pattern <-
".*banana[:]*
([0-9]*)"

Note: If you have dragged an answer to a box and then wish to change your selection, you must first drag the answer out of the box before dragging in a new one.

You have used 2 of 2 submissions



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