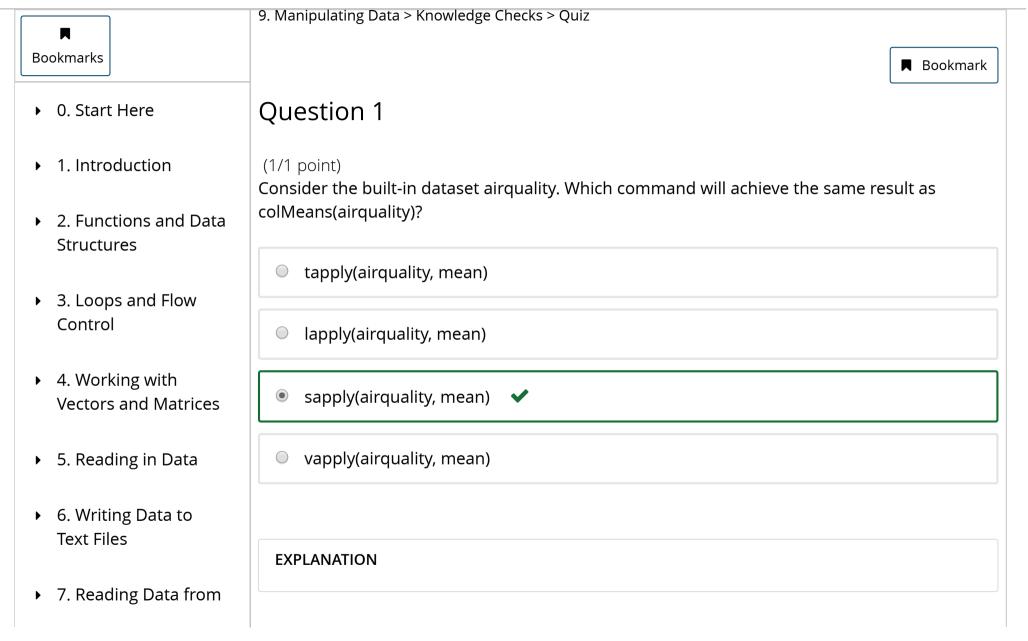


Microsoft: DAT209x Programming in R for Data Science



SQL Databases

- ▶ 8. Working with Data
- **▼** 9. Manipulating Data

Lecture

Knowledge Checks

Quiz

Lab

Lab

You have used 1 of 2 submissions

Question 2

(1/1 point)

Consider the built-in dataset chickwts. Which three commands will calculate the mean of chick weights by their food?

- ✓ tapply(chickwts\$weight, chickwts\$feed, mean) ✓
- aggregate(weight~feed, data=chickwts, mean)
- by(chickwts\$weight, chickwts\$feed, mean)
- sapply(chickwts, mean)



Note: Make sure you select all of the correct options—there may be more than one!

EXPLANATION

You have used 1 of 2 submissions

Question 3

(1/1 point)

Consider the built-in dataset airquality. You would like to show how many times in a month the temperature goes below 65 degree.

Which two commands can you use?

- ✓ with(airquality, table(Month, Temp < 65))
 </p>
- tapply(airquality\$Month, airquality\$Temp < 65)</p>
- ✓ table(LowTemp = airquality\$Temp < 65, airquality\$Month)</p>
- sapply(airquality, airquality\$Temp < 65)</p>



Note: Make sure you select all of the correct options—there may be more than one!

EXPLANATION

You have used 1 of 2 submissions

Question 4

(1/1 point)

Consider the built-in dataset airquality. You would like to show the percentage in each month the temperature goes above 80 degree.

Which two commands can you use?

- prop.table(with(airquality, table(Month, Temp > 80)),2)
- prop.table(with(airquality, table(Temp > 80, Month)),1)
- prop.table(with(airquality, table(Temp > 80, Month)),2)

~

Note: Make sure you select all of the correct options—there may be more than one!

EXPLANATION

You have used 1 of 2 submissions

Question 5
(1/1 point) Which command will return the same result as lapply(airquality, mean)?
sapply(airquality, mean)
as.list(sapply(airquality, mean))
unlist(sapply(airquality, mean))
is.list(sapply(airquality, mean))
EXPLANATION
You have used 1 of 2 submissions

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