



## Microsoft: DAT209x Programming in R for Data Science



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Lecture

Bookmark

## 6. Writing Data to Text Files &gt; Knowledge Checks &gt; Quiz

## Question 1

(1/1 point)

The dataset mtcars included in R Datasets package contain the motor trend car road tests. Which of the following command you should use to export the mtcars dataset to a text file named mtcars.txt, that can be imported back to R using the following command (without losing any information and keeping the data same as the original)?

```
df <- read.table("mtcars.txt",header = TRUE,sep = ",")
```

- ☐ write.table(mtcars,file = "mtcars.txt")
- ☒ write.table(mtcars,file = "mtcars.txt",sep = ",") ✓
- ☐ write.table(mtcars,file = "mtcars.txt",row.names = FALSE, sep = ",")
- ☐ write.table(mtcars,file = "mtcars.txt",row.names = FALSE, col.names = FALSE, sep = ",")

**Knowledge Checks**

Quiz

**Lab**

Lab



► 7. Reading Data from SQL Databases

**EXPLANATION**

*You have used 2 of 2 submissions*

## Question 2

(1/1 point)

The dataset mtcars included in R Datasets package contain the motor trend car road tests. What is the difference between writing the dataset mtcars using write.csv() and write.table() and setting the sep to "," ?

```
write.table(mtcars,file = "mtcars.txt")
```

VS

```
write.csv(mtcars,file = "mtcars.txt",sep = ",")
```

☐ There is no difference, both command produce the same output.

- ☐ The text file created using write.csv() command has a .csv extension.
- ☐ The text file created using write.table() command has a .csv extension.
- ☒ The text file created using write.csv() command will have an extra element (an empty string) in the first row. ✓

#### EXPLANATION

*You have used 1 of 2 submissions*

### Question 3

(1/1 point)

Which three functions can be used to write a text file?

☒ cat() ✓

☒ sink() ✓

☐ save()☒ dump() ✓

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)

Which three functions can be used to append strings to a text file?

☒ write.table() ✓☒ dput() ✓☒ write.csv() ✓

☐ save()

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)

You have several R objects in your current workspace. You want to save these objects using R's internal binary format and reuse them at a later time.

Which function should you use?

☐ dput()☐ dump()☒ save()

☐ write.table()

#### EXPLANATION

*You have used 1 of 2 submissions*

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