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Let's review the R basics in tutorial Video 5 and Video 6. You can take this quiz as often as needed to master these basics.

(1/1 point)
What type of dataset file extension is most easily imported in R?

- ○ .sas
- ◉ .csv ✔
- ○ .xml
- ○ .xls

| Check | Show Answer |

(1/1 point)
In R terminology, what is the name for a matrix with cases in rows and variables in columns?

○ table

○ vector

◉ data frame ✔

○ dataset

Help

| Check | Show Answer |

(1/1 point)

What will the following line of code do when run it?

`table(BikeData$employed)`

○ create a vector of values for only those cyclists who are employed.

○ create a data frame for only those cyclists who are employed

○ nothing; the code is invalid

◉ tell us the number of cyclists who are employed and the number of cyclists who are unemployed ✔

| Check | Show Answer |

(1/1 point)

If we **index** BikeData with the following line of code, what value will result?

BikeData[8,7]

- ● 6.21 ✔
- ○ Null
- ○ 51
- ○ 39

[Check] [Hide Answer]

(1/1 point)

If we modify the above code as follows and run the code, what will result?

BikeData[,7]

- ○ A new data frame for all distance values.
- ○ A new object containing the distance values for all cases
- ● A vector of distance values for all cases ✔
- ○ A list of distance values for all cases

[Check] [Show Answer]

(1/1 point)

You would like to create a new data frame from BikeData which contains only employed cyclists. What should your code look like?

- ⚪ BikeData[BikeData$employed=='1',]

- ⚪ employed<-BikeData[BikeData$employed=='1,']

- ⚪ BikeData[BikeData$employed=='1,']

- 🔘 employed<-BikeData[BikeData$employed=='1',] ✔️

Check   Show Answer

(1/1 point)

You would like to create a vector of distances for employed cyclists. What will your code look like?

- ⚪ employed_distance->BikeData$employed[BikeData$distance=='1']

- ⚪ employed_distance<-BikeData$employed[BikeData$distance=='1']

- ⚪ employed_distance->BikeData$distance[BikeData$employed=='1']

- 🔘 employed_distance<-BikeData$distance[BikeData$employed=='1'] ✔️

Check   Show Answer

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