| 1. What is a nominal factor? | |
|--|--------|
| A factor with ordering. | |
| A factor with no implied order. | |
| A factor with any type or number of elements. | |
| A factor that contains numeric data. | |
| | |
| A nominal factor is a categorical variable that has no implied order. | |
| Assume that the variable test_result contains the vector c(25, 35, 40, 50, 75). What is the result of the exprese mean(test_result)?45 | ssior |
| O 40 | |
| | |
| • 35 | |
| • | |
| | |
| Correct The mean() function returns the mean, or average, of the items in the vector. Assume you have variable called employee that contains the expression list(name = "Juan", age = 30). When the correct command to change the contents of the age item to 35? | nat is |
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| 3. Assume you have variable called employee that contains the expression list(name = "Juan", age = 30). What is the correct command to change the contents of the age item to 35? |
|--|
| employee["age"] == 35 |
| employee["age"] <- 35 |
| employee[age] = 35 |
| employee[age] <- 35 |
| |
| This command correctly assigns the value 35 to the age item in the list. |
| 4. What is the main difference between a matrix and an array? |
| A matrix must be two dimensional, but an array can be single, two dimensional, or more than two dimensional. |
| A matrix can contain multiple types of data, but an array can only contain data of the same type. |
| • A matrix can be arranged by rows or columns, but an array is always arranged by columns. |
| A matrix can contain vectors, but an array can only contain strings, characters, or integers. |
| Correct A matrix is like an array but must be two-dimensional and can be arranged by columns or rows. |
| 5. Assume that you have a data frame called employee that contains three variables: name , age , and title . If you want to return all the values in the title variable, what command should you use? |
| employee\$title |
| <pre>employee[title]</pre> |
| • employee[[3]] |
| employee.title |
| Use the dollar sign symbol to access the title variable of the employee data frame. |
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