

Congratulations! You passed!
Grade received 100%
To pass 80% or higher
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1. Fill in the blank: Label encoding assigns each category a unique _____ instead of a qualitative value. 1 / 1 point

- ☐ string
- ☒ number
- ☐ character
- ☐ qualifier

✓ Correct
Label encoding assigns each category a unique number instead of a qualitative value. This process enables data professionals to more effectively work with categorical data.

2. When working with dummy variables, data professionals may assign the variables an infinite number of values. 1 / 1 point

- ☐ True
- ☒ False

✓ Correct
Dummy variables have a value of 0 or 1. They are used to indicate the absence (0) or presence (1) of something.

3. Which pandas function does a data professional use to convert categorical variables into dummy variables? 1 / 1 point

- ☐ `get_categories()`
- ☒ `get_dummies()`
- ☐ `convert_categories()`
- ☐ `convert_dummies()`

✓ Correct
The `get_dummies()` function is used to convert categorical variables into dummy variables.