

Congratulations! You passed!
Grade received 100%
To pass 80% or higher
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1. Fill in the blank: Feature engineering enables data professionals to take _____ and extract features from it. 1 / 1 point

- ☐ a dynamic dashboard
- ☒ raw data
- ☐ a code chunk
- ☐ delimited text

✓ Correct
Feature engineering enables data professionals to take raw data and extract certain attributes from it. It also enables them to select, extract, or transform characteristics and properties from raw data.

2. What term describes the process of modifying existing features in a way that improves accuracy when training a model? 1 / 1 point

- ☒ Feature transformation
- ☐ Feature improvement
- ☐ Feature extraction
- ☐ Feature selection

✓ Correct
Feature transformation describes the process of modifying existing features in a way that improves accuracy when training the model.

3. A class imbalance occurs when a dataset has a predictor variable that contains an equal number of instances of all possible outcomes. 1 / 1 point

- ☐ True
- ☒ False

✓ Correct
A class imbalance occurs when a dataset has a predictor variable that contains many more instances of one outcome than another.