

✔ **Congratulations! You passed!**

Grade received 100% To pass 80% or higher

[Go to next item](#)

1. Fill in the blank: Feature engineering enables data professionals to take _____ and extract features from it.

1 / 1 point

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

✔ **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 extraction
- ☐ Feature improvement
- ☐ 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**