⚠ **Try again once you are ready**

Grade received 66.66%   **To pass** 80% or higher

Try again

Feature Engineering and Preprocessing

Total points 3

1. In the mapping of categorical values, can models directly multiply strings by the learned weights?

1 / 1 point

◉ No

○ Yes

✓ **Correct**
Correct! Feature engineering must be applied in advance to convert strings into numerical values.

2. Feature engineering can be applied before modeling or be part of the model on the input stage. Regarding Feature Engineering, we can say that: (Only one correct answer).

0 / 1 point

◉ Feature Engineering within the model reduces inference time.

○ TF Transform applies feature engineering separately from the model.

○ Feature Engineering within the model slows down iterations.

○ Feature Engineering within the model is limited to batch computations.

✗ **Incorrect**
Not really. Feature engineering within the model would increase inference time.

3. Which of the following is not considered a feature engineering inconsistency:

1 / 1 point

○ Training-serving skews

◉ All transformations are the same in any scenario

○ Training & serving code paths are different

○ Diverse deployments scenarios

✓ **Correct**
Good job! It's actually the other way around, this is pursued to reduce the risk of introducing skews.