QUESTION 2 (1/1 point)

While exploring a dataset you discover a nonlinear relationship between certain features and the label.

Which two of the following feature engineering steps should you try before training a supervised machine learning model?

- [ ] Ensure the features are linearly independent.
- [x] Compute new features based on polynomial values of the original features. ✔
- [ ] Compute mathematical combinations of the label and other features.
- [x] Compute new features based on logarithms or exponentiation of these original features. ✔

✔

Note: Make sure you select all of the correct options—there may be more than one!

EXPLANATION

When features have a nonlinear relationships with the label, you can engineer new features by converting the original features to polynomials, logarithms, or exponentials in order to try to find a more linear relationship that will work better in a linear model.

You have used 1 of 2 submissions

Classification, and Unsupervised Learning