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1. What is the main goal of adding polynomial features to a linear regression?

1 / 1 point

- ☐ Remove the linearity of the regression and turn it into a polynomial model.
- ☒ Capture the relation of the outcome with features of higher order.

Correct! You can find more information in the Polynomial Regression lesson.

- ☐ Increase the interpretability of a black box model.
- ☐ Ensure similar results across all folds when using K-fold cross validation.

2. What is the most common sklearn methods to add polynomial features to your data?

1 / 1 point

Note: `polyFeat = PolynomialFeatures(degree)`

- ☐ `polyFeat.add` and `polyFeat.transform`
- ☐ `polyFeat.add` and `polyFeat.fit`
- ☒ `polyFeat.fit` and `polyFeat.transform`

Correct! You can find more information in the Polynomial Regression lesson.

- ☐ `polyFeat.transform`