## Feature preprocessing and generation with respect to models Practice Quiz, 4 questions

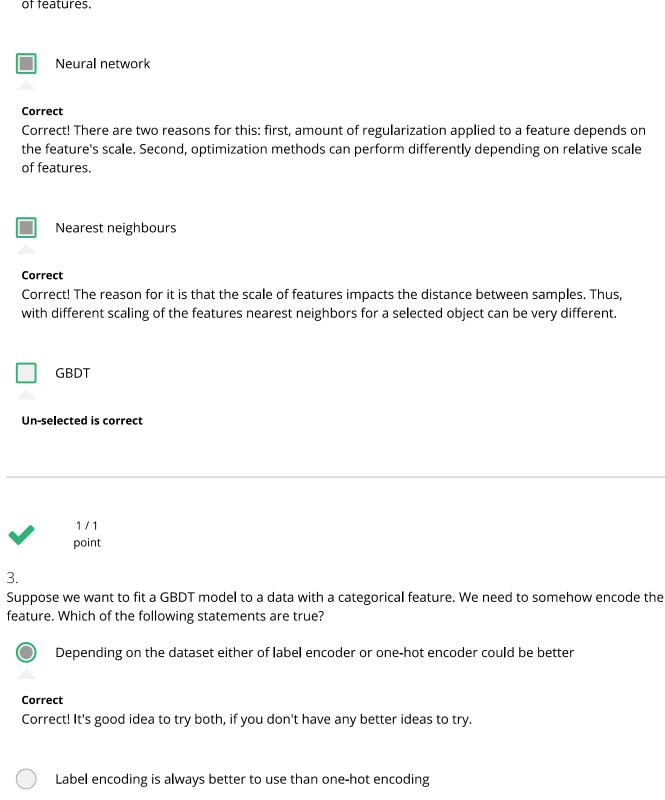
<b>~</b>	Congratulations! You passed!	Next Item
<b>~</b>	1 / 1 point	
1. What t	ype does a feature with values: ['low', 'middle', 'high'] most likely have?	
	Datetime	
	Text	
	Numeric	
	Ordinal (ordered categorical)	
Correct!		
	Categorical	
	Coordinates	
<b>~</b>	2/2 points	
2. Suppo	se you have a dataset X, and a version of X where each feature has been sta	ndard scaled.
For which model types training or testing quality can be much different depending on the choice of the dataset?		
	Random Forest	
Un-selected is correct		

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Correct! There are two reasons for this: first, amount of regularization applied to a feature depends on the feature's scale. Second, optimization methods can perform differently depending on relative scale of features.



One-hot encoding is always better than label encoding

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This one is possible, but it can lead to loss of important samples and a quality decrease.

Impute with a feature mean

Correct

This is one of the most frequent ways to deal with missing values. Feature preprocessing and generation with respect to models Practice Quiz, 4 questions



