Feature preprocessing and generation with respect to models

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Totamnetition mechanics

Feature preprocessing and generation with respect to models

Practice Quiz • 30 min

Welcome to "How to win a data Feature preprocessing and generation with respect to models

Recap of main ML algorithms	Practice Quiz • 30 min			
Software/Hardware 1. What type does a feature with values: [requirements	'low', 'middle', 'high'] most likely have?			1 point
Feature are processing and generation with respect to models at egorical	Submit your assignment			Resume assignment
Video: Overview 6 min				
Ordinal (ordered categorical) Video: Numeric features	Receive grade To Pass 75% or higher		Your grade 100%	View Feedback
Video: Categorical and ordinal features 10 min	10 Pass 15 % of Higher			We keep your highest score
Video: Datetime and coordinates 2. Suppose you have a dataset X, and a very	Like Dislike Report ersion of X where each feature has been sta	a n issue andard scaled.		2 points
Video: Handling missing values or which model types training or testi 10 min	ng quality can be much different dependin	ng on the choice of the dataset?		
practice on English presture preprocessing and generation with respect to the presture presture and generation with the presture presture prestures the presture pres				
duestions GBDT				
Quiz: Feature preprocessing and general for which the spect to models				
4 questions Neural network Reading: Explanation for quiz questions 10 min				
3Suppose we want to fit a GBDT model	o a data with a categorical feature. We nee	ed to somehow encode the feature. Which of the following statements are	e true?	1 point
Links 100me-hot encoding is always better				
_	f label encoder or one-hot encoder could b	pe better		
images Label encoding is always better to Final project				
Survey				
4. What can be useful to do about missing	z values?			2 points
Apply standard scaler				
☐ Impute with a feature mean				
☐ Impute with feature variance				
Replace them with a constant (-1/-	999/etc.)			
Reconstruct them (for example tra	in a model to predict the missing values)			
Remove rows with missing values				
Nothing, but use a model that can	deal with them out of the box			
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I, Chinmay kumar Das , understand	that submitting work that isn't my own ma	ay result in permanent failure of this course or deactivation of my Course	era account.	
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