

Practice quiz

Practice Quiz, 3 questions

3/3 points (100%)



Congratulations! You passed!

Next Item



1 / 1
point

1.

What can we do to deal with overfitting in LightGBM?

☐

Decrease `min_data_in_leaf`



Un-selected is correct

☐

Increase `bagging_seed`



Un-selected is correct

☐

Increase `min_data_in_leaf`



Correct

Yes, this parameter serves as regularization parameter: the higher `min_data_in_leaf`, more regularized the model.

☐

Increase `bagging_fraction`



Un-selected is correct

☐

Decrease `num_leaves`



Correct

In fact, higher `num_leaves` more complex trees GBM can build.

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3/3 points (100%)1 / 1
point

2.

What of the following parameter changes speed-up *training process* for LightGBM? That is, time needed for one boosting iteration is decreased.



Decreasing num_leaves

**Correct**

Correct! The number of splits in a tree is very dependent on num_leaves parameter.



Decreasing bagging_fraction

**Correct**

Yes! This parameter controls fraction of objects, that will be used at every boosting iteration.



Decreasing verbosity

**Un-selected is correct**

Increasing max_bin

**Un-selected is correct**1 / 1
point

3.

How usually training time of SVM changes if we increase the value of parameter "C"?



Training time decreases



Training time increases



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Correct
Yes! That is why it is better to start with small values of "C"

3/3 points (100%)

