✓ 200 XP ▶

Knowledge check

3 minutes

Check your knowledge

1. What is the difference between classical regression and classification models?

○   Regression models provide labels such as 'cherry'/'banana' but classification models calculate continuous numbers

○   Classification models and linear regression models are two names for the same thing

⦿   Classification models provide labels such as 'cherry'/'banana' but regression models calculate continuous numbers   ✓

    Correct.

2. How can we improve real-world model performance?

○   By adding features

⦿   Both adding and removing features can be useful, depending on the situation   ✓

    Correct.

○   By removing features

3. What is one reason why logistic regression uses log-loss rather than a more intuitive cost function?

⦿   Log-loss is stricter about model errors, even if they're close to correct   ✓

    Correct.

○   It is the only way to calculate error for categorical labels

○   Log-loss is more permissive to model error if that error is close to correct

Next unit: Summary

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