

Regularization and validation

When optimizing an ML model there are a variety of strategies to improve generalization from the training data. We can add a complexity penalty to the loss function, and we can evaluate the loss function on validation data.

AUTHOR

Joshua Loftus

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Regularization

Validation

Slides, notebooks, exercises

[Slides](#) for regularization video ([PDF](#))

[Slides](#) for validation video ([PDF](#))

[Notebook](#) for regularization

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