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Machine Learning with Python-From Linear Models to Deep Learning

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3. Regularization and Generalization

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Exercises due Sep 30, 2020 05:29 IST *Completed*

Regularization and Generalization

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Let's now look at how changing the values of the regularization parameter λ changes the training and test average losses or errors. As we emphasize the margin, we are less and less able to fit the training samples



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Generalization 1

2/2 points (graded)

If the training loss is low and the validation loss is high, the model might be:

☐ underfitting

☒ overfitting

☐ fits well



If the training loss is high and the validation loss is high, the model might be:

☒ underfitting

☐ overfitting

☐ fits well



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