







Model Interpretability

- Model complexity tends to reduce interpretability.

- Create parsimonious models
- When fitting complex models use:
  - Variable importance measures
  - Leave One Covariate Out (LOCO)
  - Surrogate generalized linear models and decision trees with model predictions as target
  - Local Interpretable Model-Agnostic Explanations (LIME)

# Implication of Model Complexity

Solutions







# H2O Training

1 Introduction to ML and H2O

4 Machine Learning Concepts

2 H2O Auto Machine Learning

5 H2O Feature Engineering

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6 H2O Algorithms

# Model Interpretability

## Implication of Model Complexity

### Solutions

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