Machine learning algorithms

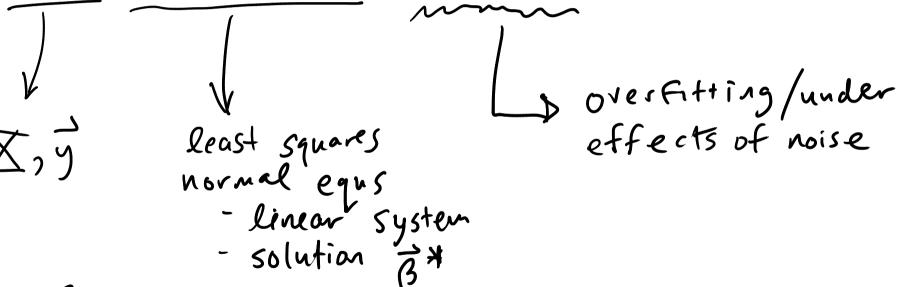
Overfitting & underfitting 2020–09-29

CSCI 471 / 571, Fall 2020 Kameron Decker Harris

What is ML?

d P polynovial Kernel

Data + Optimization + Statistics → Predictions



fiffing

A Ref 2. James, Witten et al. Linear models are simple A some hope for squared err. looks like polynomial 60 + 61 × 10 same sq. err. $\sqrt{2}$ 6 · Same linent gooks gore meaus 12 16 18 · Same std's X_1 X_2 outlier 12 10 Poor y_4 6 (predictions outside 12 12 16 14 10 14 training data X_3 X_4 Anscombe, 1973

Least-squares in nonlinear basis

Beware extrapolation

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HEALTH

Influential Covid-19 model uses flawed methods and shouldn't guide U.S. policies, critics say

By SHARON BEGLEY @sxbegle / APRIL 17, 2020

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