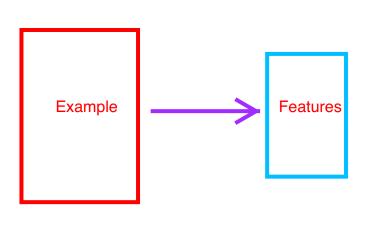
## Machine Learning basics

i experience 1: task D: performance



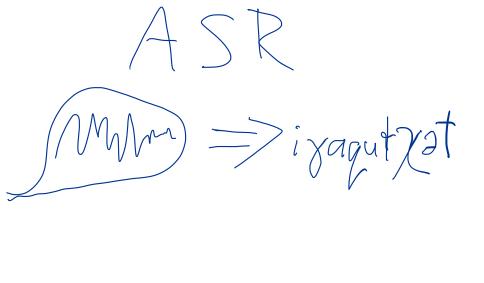
( assification

Classification w. missing input

legressian



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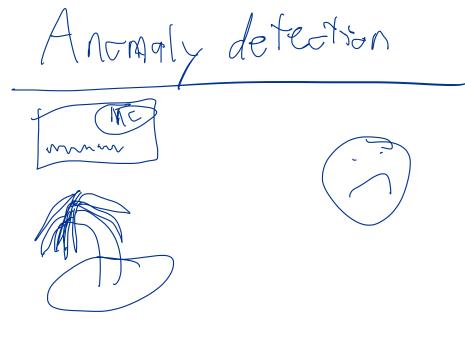
Akuzilleput Igaqullghet

7

Our words put to paper

Prediction tructure

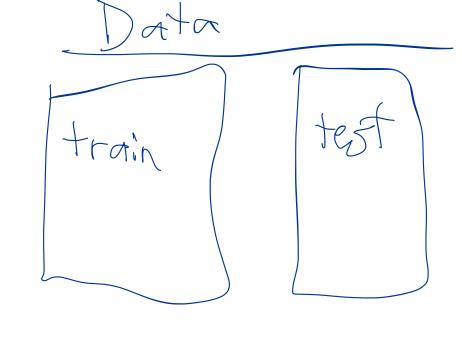
The boy walks to the park



Supervise d Unsupervised Learning

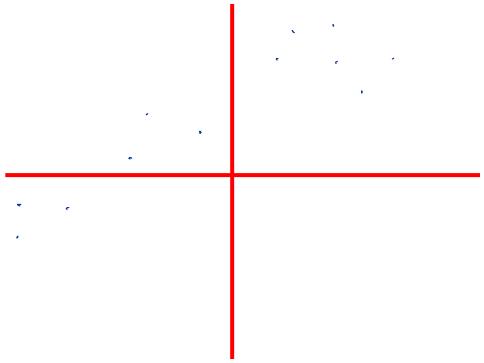
Unsupervised 55timate P(X) From un la belled examples Unsupervised g

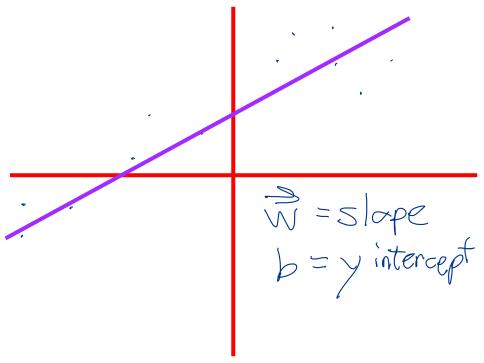
Supervised grammar



509 ( Learn a model Over training data
that generalizes to Unseen test data

Linear regression





L'INPAR regression (95 Thown in the text) can be salved in Closed form

However, most problems we are interested in connot be solved in closed form

Undertitting () rentit +ing (see f. 75, 2) Maximum Likelihood

Example! Pain an N-gram language model from training data

The boy walks to the york

