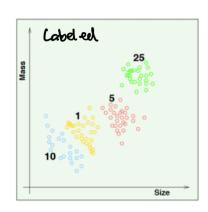
## Types of Learning

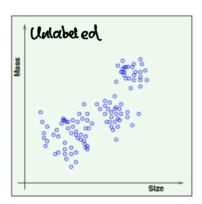
Tuesday, January 14, 2020

Supervised Learning:

Unsupervised Learning:

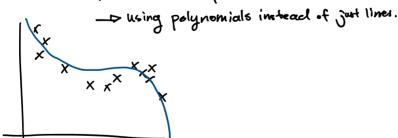
$$\Phi = \{x_1, x_2, \dots \}$$
unlabelled

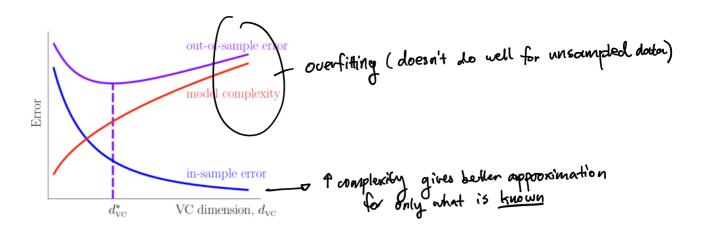


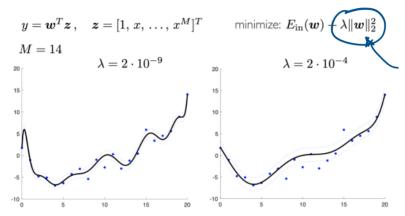


Reinforced Learning

Regression: (approximate interpolation)







In this ace, we penulize
the training if the length
of the function is too long
(Ragularization)
one approach to avoid overfitting