







$$1) | | | | = c$$

CEM supervised

Xi

unsucarvised

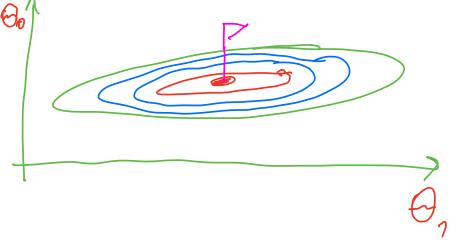
$$f(x) = \Theta x \qquad \overline{X} = \begin{pmatrix} X \\ 1 \end{pmatrix}$$

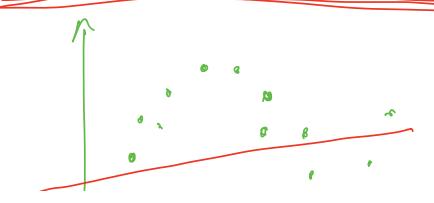
$$f(x) = \Theta x + \Theta,$$

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2) I pagnenen Mont cay CK.





2). 
$$f(y) = \psi(\Theta^{T}x).$$

$$\psi(h) = \frac{1}{1+e^{-|h|}}$$

$$f(x) = \Theta^{T}x + 3$$

$$3 \sim N(0, 1).$$

$$\Psi_{1}(\Theta'(\Psi_{1}^{2}(\Theta_{1}^{2}X) + \Psi_{2}^{2}(\Theta_{2}^{2}X)...+)+$$
 $\Psi_{3}(\Theta'(\Psi_{1}^{2}(\Theta_{1}^{2}X) + \Psi_{2}^{2}(\Theta_{2}^{2}X)...+)+$