di = WX; + E [X; → ith sample from Hability] is the equation for linear regression where we know that e ~ Laplace (4,0) => given input verfors xm (fraining data) and (akells you we have (for size n dataset) e in y is consider L(w) - likelihood of w heing the right weights $l(w) = \prod_{i=1}^{N} p(w_{\mu})$ $= \prod_{i=1}^{N} \frac{1}{\sqrt{2}} \exp(\frac{1}{\sqrt{2}} - w^{T} y_{i})$ $= \prod_{i=1}^{N} \frac{1}{\sqrt{2}} \exp(\frac{1}{\sqrt{2}} - w^{T} y_{i})$ log (lw)) = \[\frac{1}{\sigma} \frac{1} = [N 1 di WTXi | Nug(20) The nigative of this log likelihood is minimized to, hence - log (1 lw) is the desired objective function.