DESCENDING (NTO ML 5 labeled House sq. Ft. Contrain a Linear regression model (prediction) y= w(xample) x= feature 1 vi= weight for feature 1 weights bias (+wo) L2 Loss = (4-4)2 (convenient of prediction for regression) true rake LzLoss = \(\sigma\) (y - prediction (x))2 (x,y) 6D all labeled examples, In supervised learning, an ML algorithm builds a model by examining examples and finding a model (for linear regression, the feature weights) that minimizes loss. = Empirical Risk Minimization MSE = 1 Ely-prediction(N)2 Another (095 fn: where W=1D1