

Frank under fit Validation Trans Error

Reg ression

y: \( \frac{1}{2} \omega\_1 \omega\_1 \omega\_1 \omega\_2 \omega\_1 \omega\_1 \omega\_1 \omega\_2 \omega\_1 \om Logistic Regressin Logistic Sigmoid (x)= 1 1+e y=LS (\(\frac{\xeta}{\zeta} \omega\_{iui}\) \(\to\) \(\text{cassification}\)

Loss: MSE

loss: MSE+QII WII Regularization

XV -soverfit

L1 sundefit

Mutti layer Verceptron h = \( \frac{2}{3} \tau\_{i} + b, \) hje Afréin nimit abj i mut hidden output WN=WO-NDZ 47 ( hjwj+b)

Cradiut Descert L055

Regression Loss MSE+X(IW/2 Classification -> CE + XIIW112 Yor 2 1.9 3.4 4 1 2 2 10 Yor 2.2 2.1 3.7 3.8 4 2 3 5

4 Classes Softmax(Yi): C ZeTi