Backpropagating the enox from the output layer:

First, we will propagate error from output layer to the second hidden layer. To propagate & change he warguld from prot hidden layer we need be calculate DE, , we get this from using chain rule as follows:

Calculate DE, as follows: DEI = D(-1*(y, log (Doug) + (1-y,)*log (1-Doug))

3641 = -1×y(1/0outs)+(1-41)*(1/f1-Couts))

for the other output nucles we can calculate as follows:

-1×(43(1/0043)+(1-43)*(1/(1-0043)) -1((0)(1/0.5158)+(1-0)(1/(1-0.5158)) DE 1 [- [*(y, (1/0mg,) + (1-y,)*(1/(1-Doug_))]] DE 2 DOM2