

20K-0477

BASU ALI KHAN

Date:

D D M M Y Y

DLP Lab # 04 :

Task # 01

Input layer :

(18 features + 1 bias) * 6 neurons = 84 parameters

1st hidden layer :

(6 neurons + 1 bias) * 6 neurons = 42 parameters

From input layer

2nd hidden layer :

(6 neurons from + 1 bias) * 100 neurons = 700 parameters

hidden layer

3rd hidden layer :

(100 neuron from + 1 bias) * 500 neurons = 50500 parameters

2nd hidden layer

4th hidden layer :

(500 neurons from + 1 bias) * 800 neurons = 100200 parameters

3rd hidden layer

5th hidden layer :

(800 neurons from + 1 bias) * 50 neurons = 10050 parameters

4th hidden layer

Output layers :

(50 neurons from + 1 bias) * 2 neurons = 102 parameters

5th hidden layer

Total parameters = 84 + 42 + 700 + 50500 + 100200 + 10050 + 102 = 101678 parameters

Teacher's Signature

Verified !

I. R.