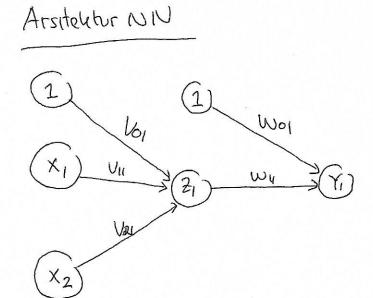
Data		
Χ,	X 2	Y
0	G	0
0	1	0
1	0	0
1	1	1



## Step 0 - Inisialisasi

$$V_{01} = 1.7$$
  $W_{01} = -0.5$   
 $V_{11} = -1.2$   $W_{11} = 0.5$   
 $V_{21} = -1.1$   $X_{11} = 0.01$ 

Iterasi 1. - Data 1 / target (t)
$$X_1 = 0 \quad X_2 = 0 \quad [Y = 0]$$

$$Z_{-1n_{1}} = X_{0} * V_{01} + X_{1} * V_{11} + X_{2} * V_{21} \longrightarrow Y_{0} = Y_{$$

$$Y_{-1n1} = \sqrt{20 * Woi + 2i * Wii}$$
 yang menuju ke  $Y_{i}$ 

$$= 1 * -0.5 + 0.8455 * 0.5$$

$$= -0.0773$$

>tepr

$$Y_1 = f(Y_{101}) = \frac{1}{1 + e^{(-(-0.0773))}} = 0.4807$$

$$\int_{1}^{\infty} = \frac{1}{(t - Y_{1})^{*}} f(Y_{1})^{*} (1 - f(Y_{1}))^{*} \xrightarrow{\text{error clani}} cxtput_{1}$$

$$= (0 - 0.14807)^{*} 0.14807^{*} (1 - 0.14807)$$

$$= -0.112$$

$$\Delta W01 = 2 \times 5. \times 70$$
  
= 0.01 \times (-0.12) \times 1  
= -0.0012

$$\Delta w_{11} = \alpha * \delta_{1} * \delta_{1}$$

$$= 0.01 * (-0.12) * 0.8455$$

$$= -0.001$$

hitung delta bobot yang terhibong dengan Yi

$$\int_{101} = \int_{1} * W_{11} \longrightarrow error dari nidden nder (21)$$

$$= -0.112 * 0.15$$

$$= -0.06$$

$$\int_{1} = \int_{-101} * f'(2_{-101})$$

$$= \int_{-101} * f(2_{-101}) * (1 - f(2_{-101}))$$

$$= -0.06 * 0.19455 * (1 - 0.18455)$$

$$= -0.0078$$

Step 6

( + e ?

7

$$\Delta V_{01} = 2 \times 31 \times 20$$

$$= 0.01 \times -0.0078 \times 1$$

$$= 0$$

$$\Delta V_{11} = 2 \times 31 \times 21$$

$$= 0.01 \times -0.0078 \times 0$$

$$= 0$$

$$\Delta V_{21} = 2 \times 31 \times 22$$

$$= 0.01 \times -0.0078 \times 0$$

= 0

hitung delta bobot contung yong terhubung dengan Zi

$$W \circ q = W_{01}(lama) + \Delta W_{01}$$

$$= -0.15 + (-0.0012)$$

$$= -0.15012$$

$$W_{11} = W_{11}(lama) + \Delta W_{11}$$

$$= 0.15 + (-0.001)$$

$$= 0.499$$

$$V_{01} = V_{01}(lama) + \Delta V_{01}$$

$$= 1.7 + 0$$

$$= 1.7$$

$$V_{11} = V_{11}(lama) + \Delta V_{11}$$

$$= -1.2 + 0$$

$$= -1.2$$

$$V_{21} = V_{21}(lama) + \Delta V_{21}$$

$$= -1.1$$

$$= -1.1$$

Step 8

Herasi 
$$1 - Data 2$$
 $X_1 = 0$   $X_2 = 1$   $Y = 0$ 
 $X_1 = 0$   $X_2 = 1$   $X_1 = 0$ 
 $X_1 = 0$   $X_2 = 1$   $X_1 = 0$ 
 $X_1 = 0$   $X_2 = 1$   $X_1 = 0$ 
 $X_1 = 0$   $X_2 = 1$   $X_1 = 0$ 
 $X_1 = 0$ 
 $X_1 = 0$ 
 $X_2 = 0$ 
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 $X_1 = 0$ 
 $X_2 = 0$ 
 $X_3 = 0$ 
 $X_1 = 0$ 
 $X_2 = 0$ 
 $X_3 = 0$ 
 $X_3 = 0$ 
 $X_4 = 0$ 
 $X$ 

- -0.0170

Step 6 Step 7

Step 4

```
Hal 5
 Duoi = x & Si * Xo
       = 0,01 * (-0,0129) * 1
      = - 0,0001
  AVII = 2 * 51 * X1
        = 0,01 * (-0,0129) * O
        =0
  DU21 = & * Si * X2
        = 0101 * (-010129) * 1
        = -0,0001
   Woi = Woi (lama) + Awoi
        = -0.5012 + (-0.0011)
        = -0.5023
   WII = WII (lama) + Awii
        = 0.499 + (-0.0007)
         = 0,4983
                                          Step 8
        = Voi (lama) + Avoi
     Val
         = 117 + (-0.0001)
         = 1,6999
     VII = VII (lama) + AVII
         = - 112 + 0
          = - 112
      V21 = V21 Cloma) + AV21
          = -111 + (-0,0001)
          = -1,1001
```

# det hingga error keell atau max iterasi tercapai #