A diagram of a network

Description automatically generated

X1 = 2353465/8964879 \* 23 = 6.03

X2 = 2353465/8964879 \* 32 = 8.40

X3 = 2353465/8964879 \* 56 = 14.70

X4 = 2353465/8964879 \* 48 = 12.60

Z = Sum (X1\*w1 + X2\*w2 + X3\*w3 + X4\*w4)

Z = sum (6.03\*0.2 + 8.40\*0.2 + 14.70\*0.2 + 12.60\*0.2)

Z = 1.206 + 1.68 + 2.94 + 2.52

Z = 8.346

Sigmoid = 1 / 1+e^-z

Sigmoid = 1 / 1+e^-8.346

Sigmoid = 0.99976