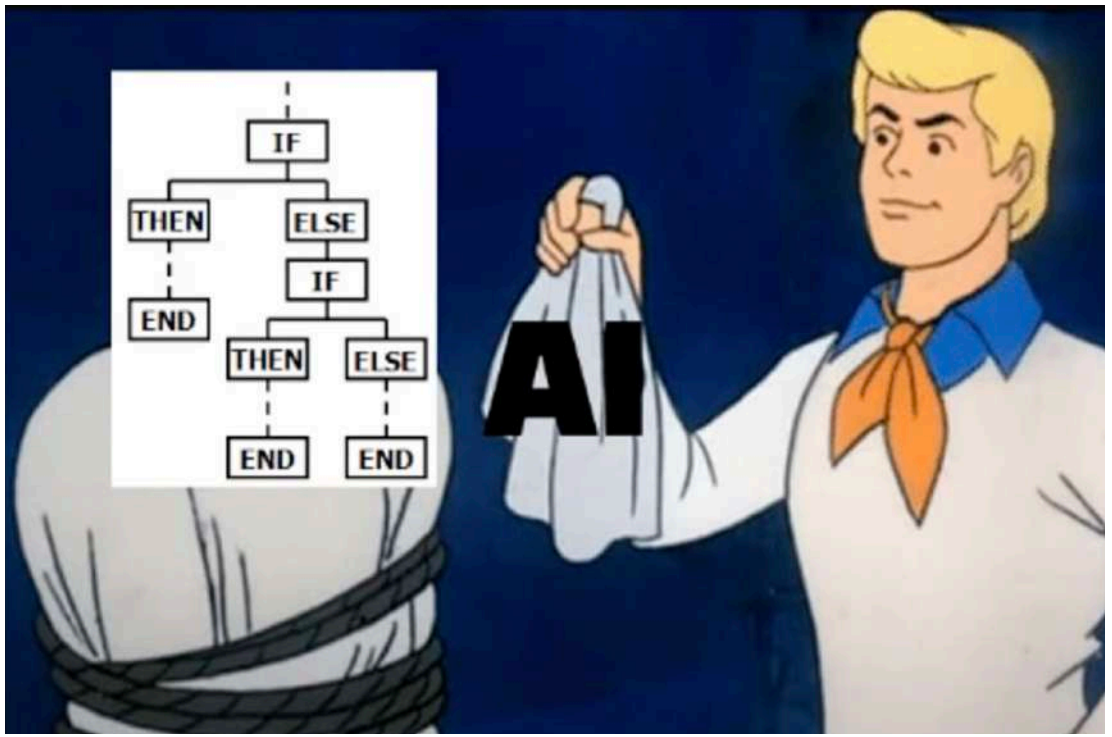
Introducción a IA


AI


IF
THEN
ELSE
IF
END
THEN
ELSE
END
END
AI

Cómo tomar una decisión ¡Salir de viaje!

Factores de decisión

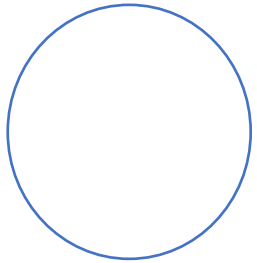
1. ¿Tienes dinero suficiente?
2. ¿Tu pareja quiere ir?
3. ¿El lugar tiene clima agradable?

Cómo tomar una decisión ¡Salir de viaje!

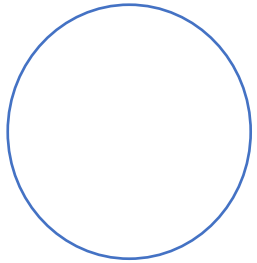
Factores de decisión

1. **x1** ¿Tienes dinero suficiente? 1/0
2. **x2** ¿Tu pareja quiere ir? 1/0
3. **x3** ¿El lugar tiene clima agradable? 1/0

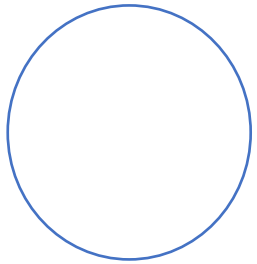
X1 Dinero

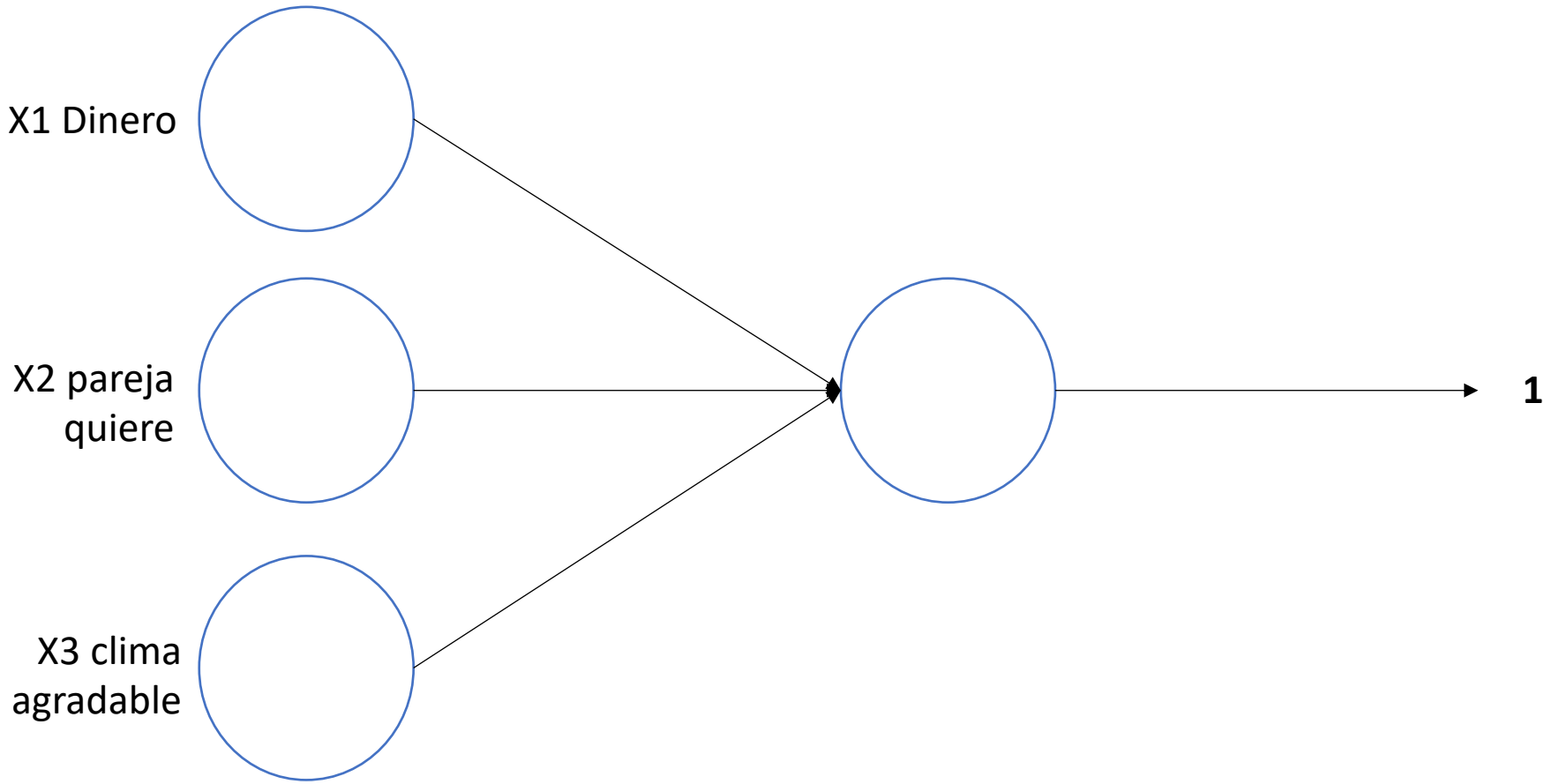


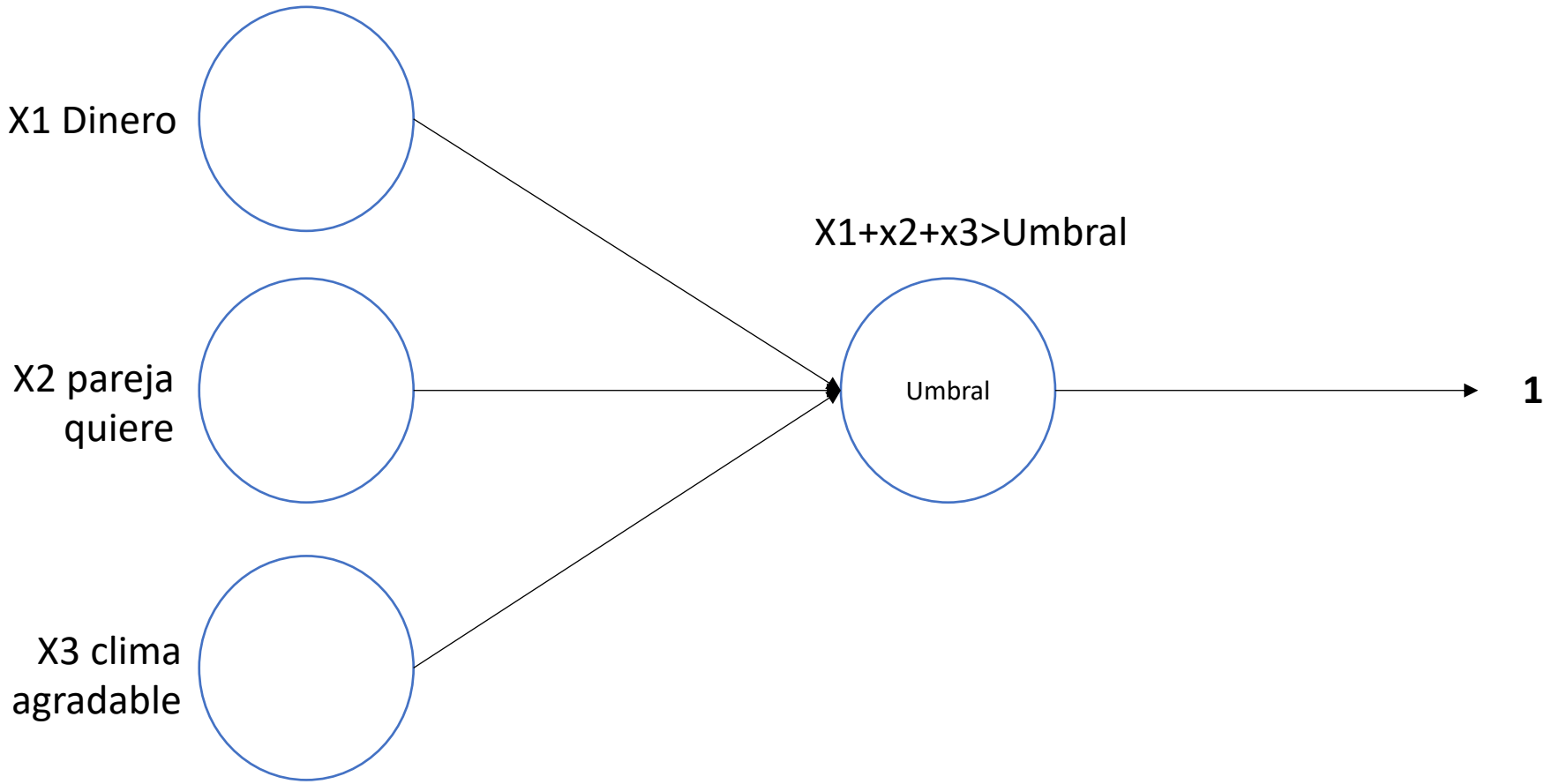
X2 pareja quiere

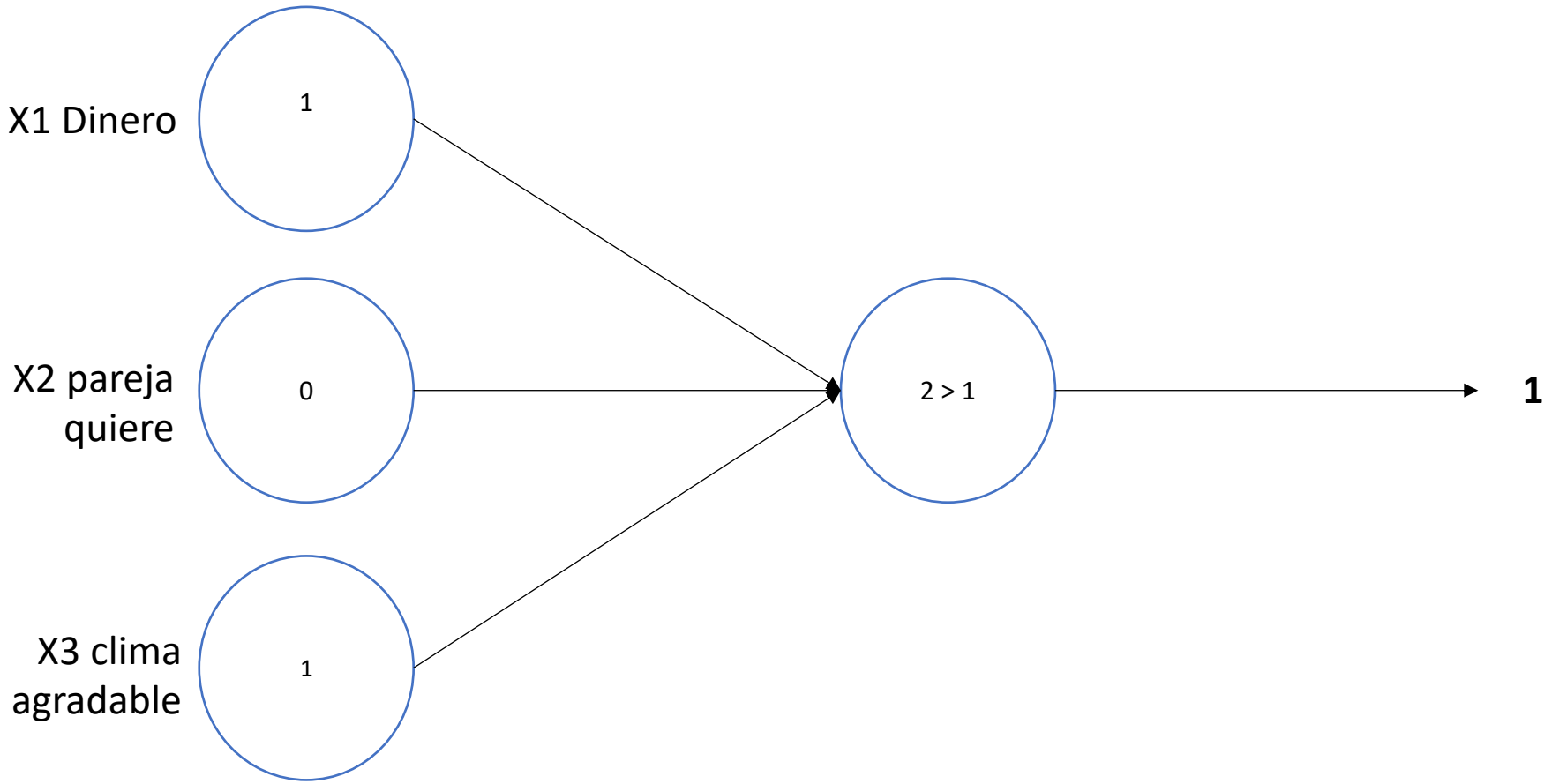


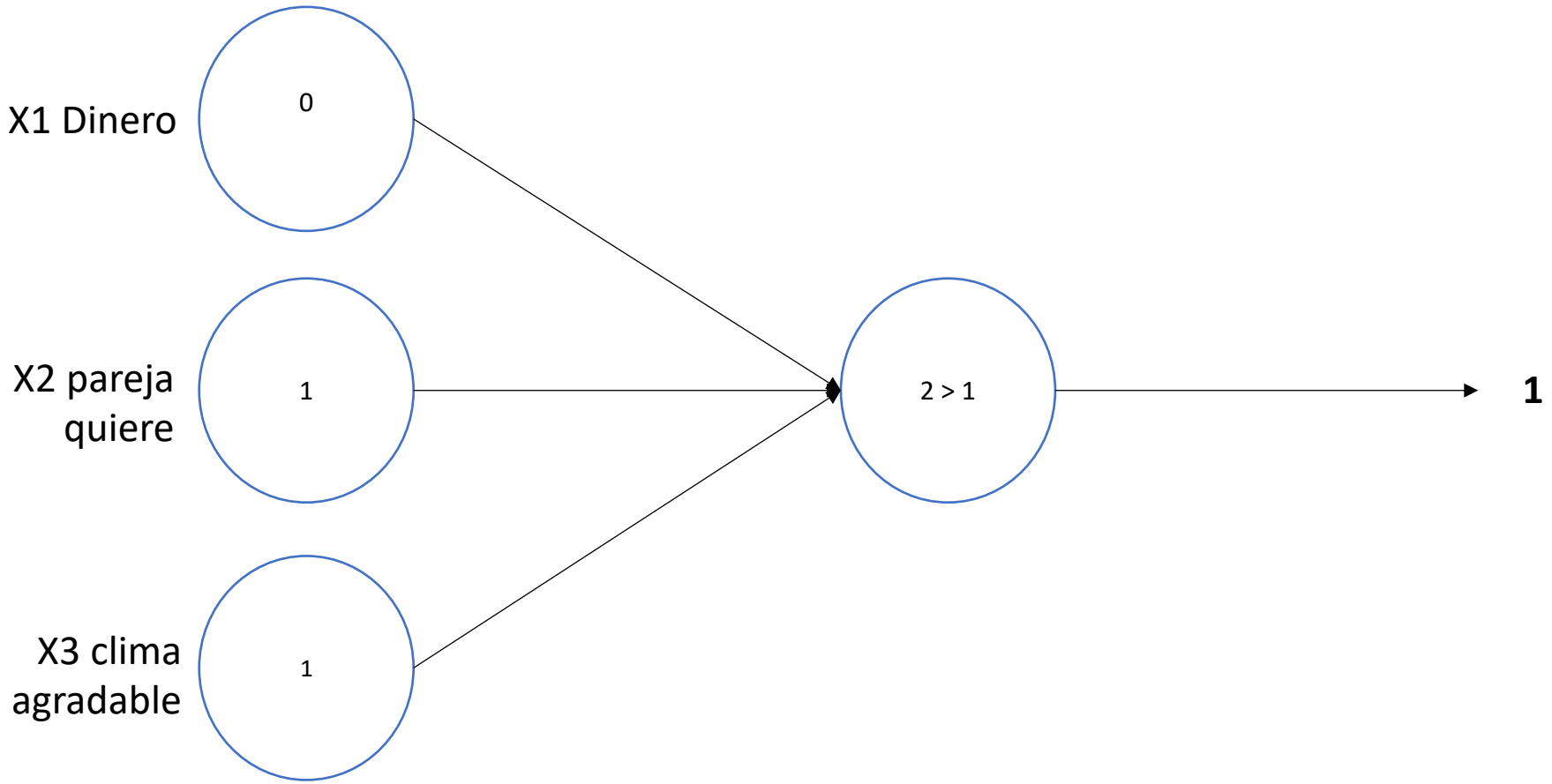
X3 clima agradable

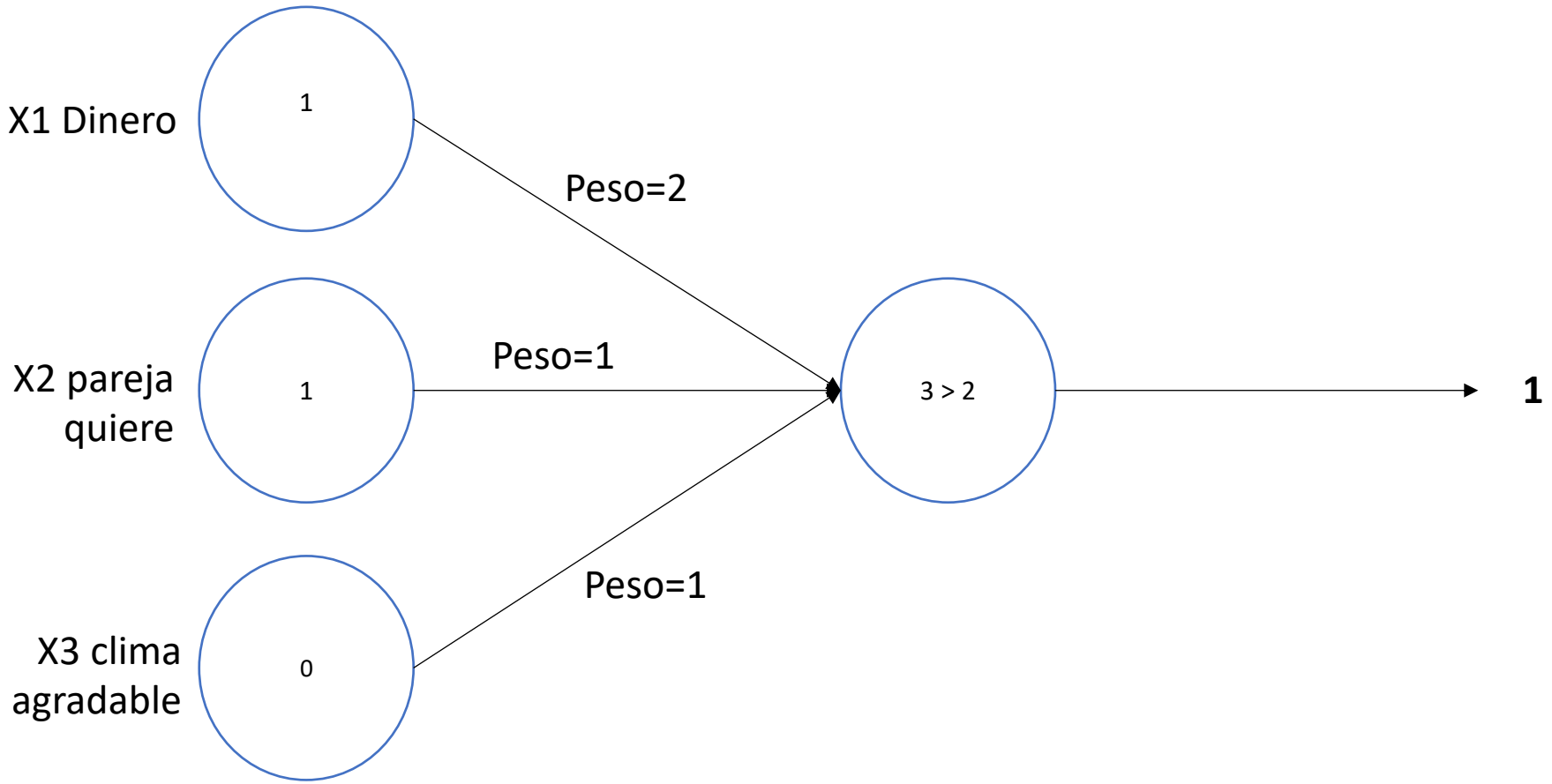


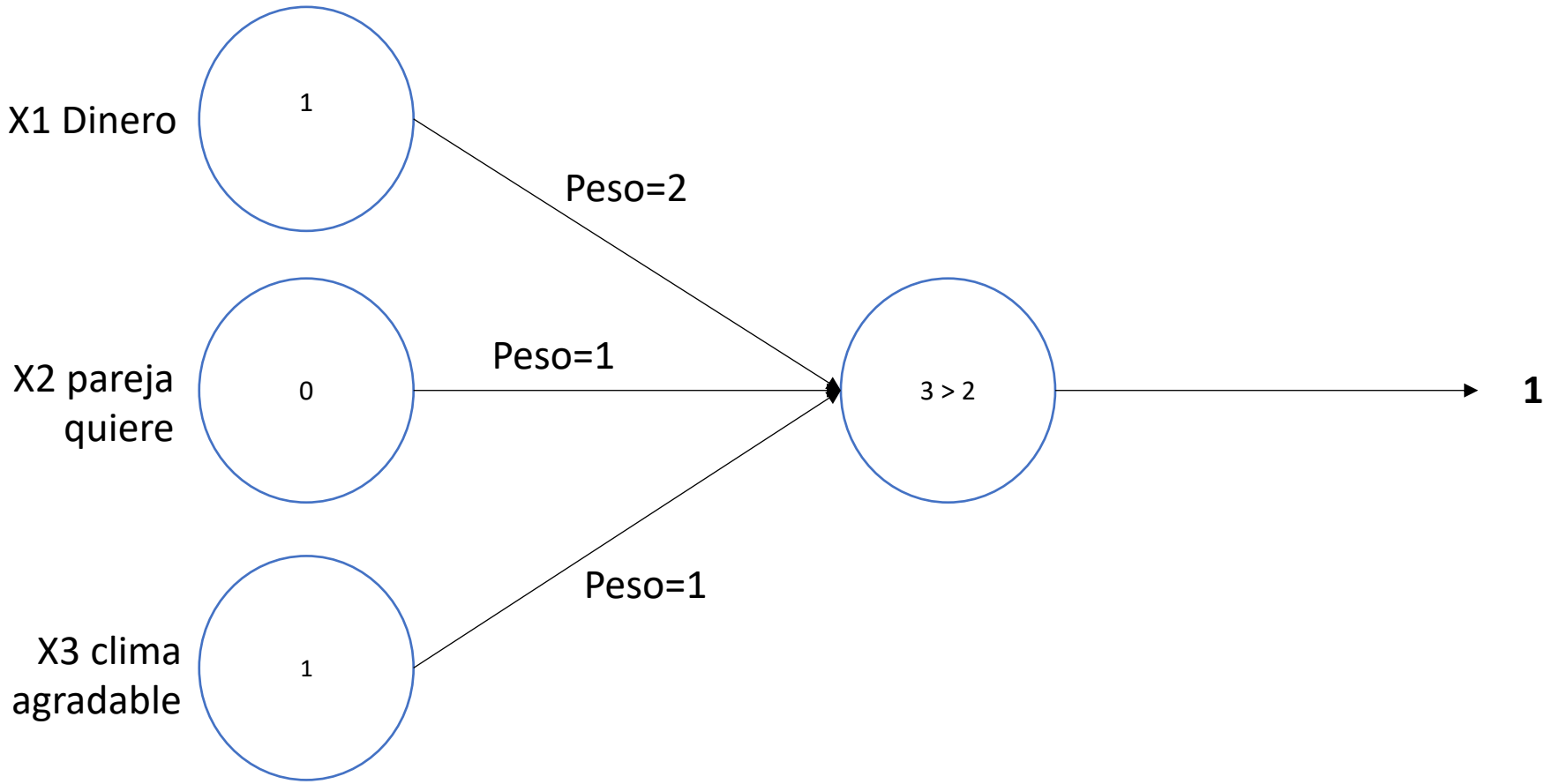

X1 Dinero
X2 pareja quiere
X3 clima agradable
1

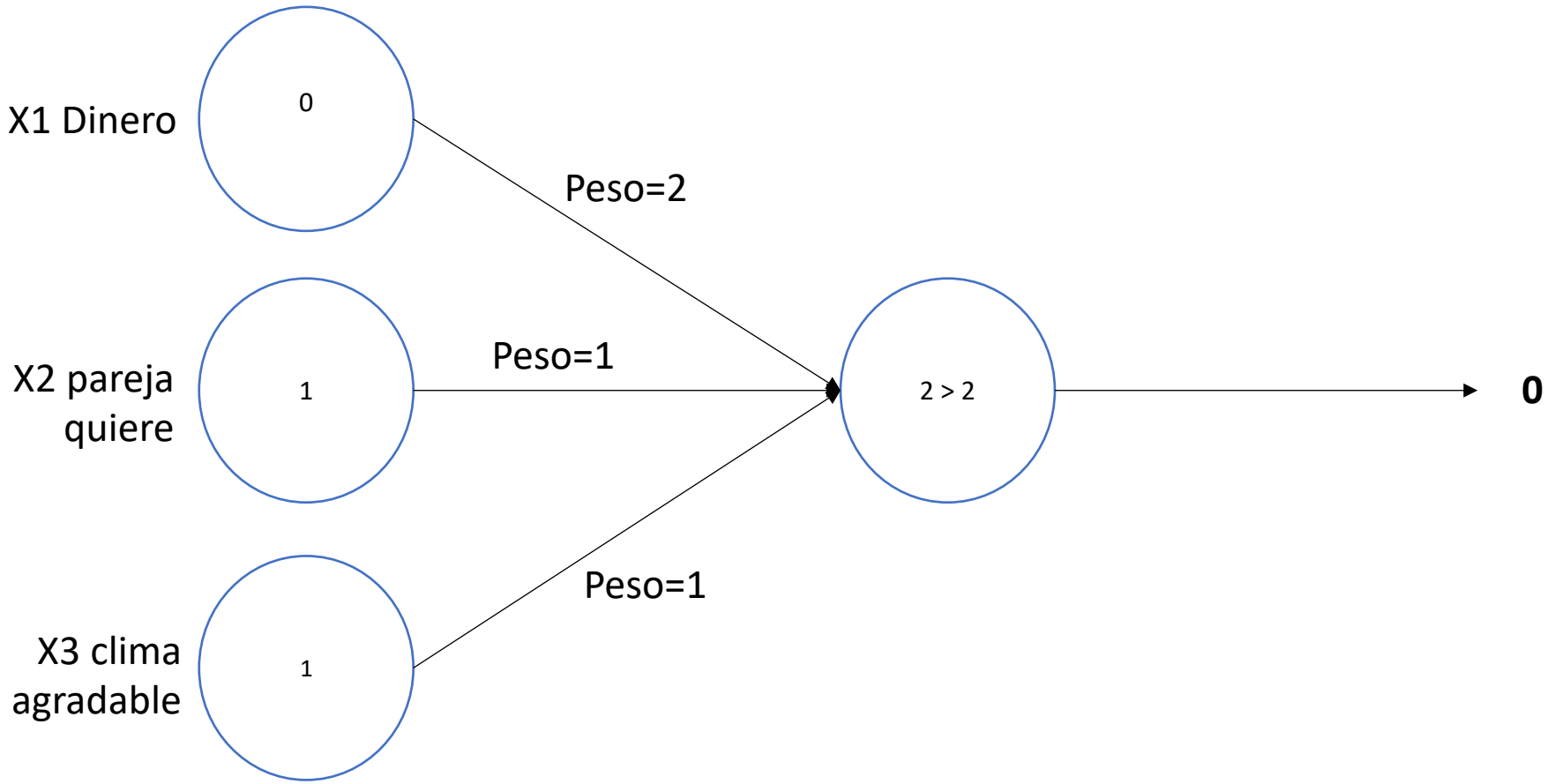

X1 Dinero
X2 pareja quiere
X3 clima agradable
X1+x2+x3>Umbral
Umbral
1

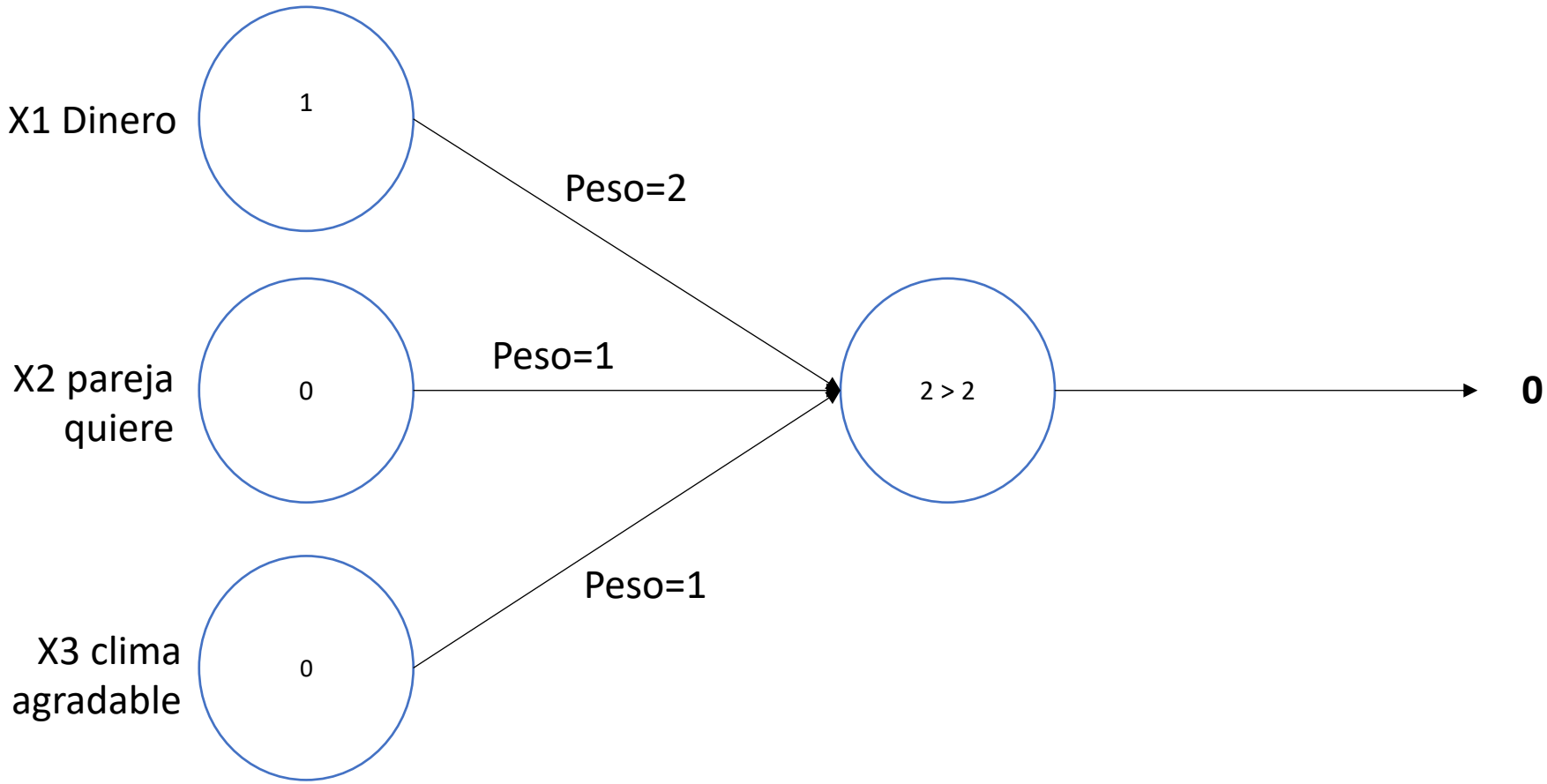

X1 Dinero
1
X2 pareja quiere
0
X3 clima agradable
1
2 > 1
1

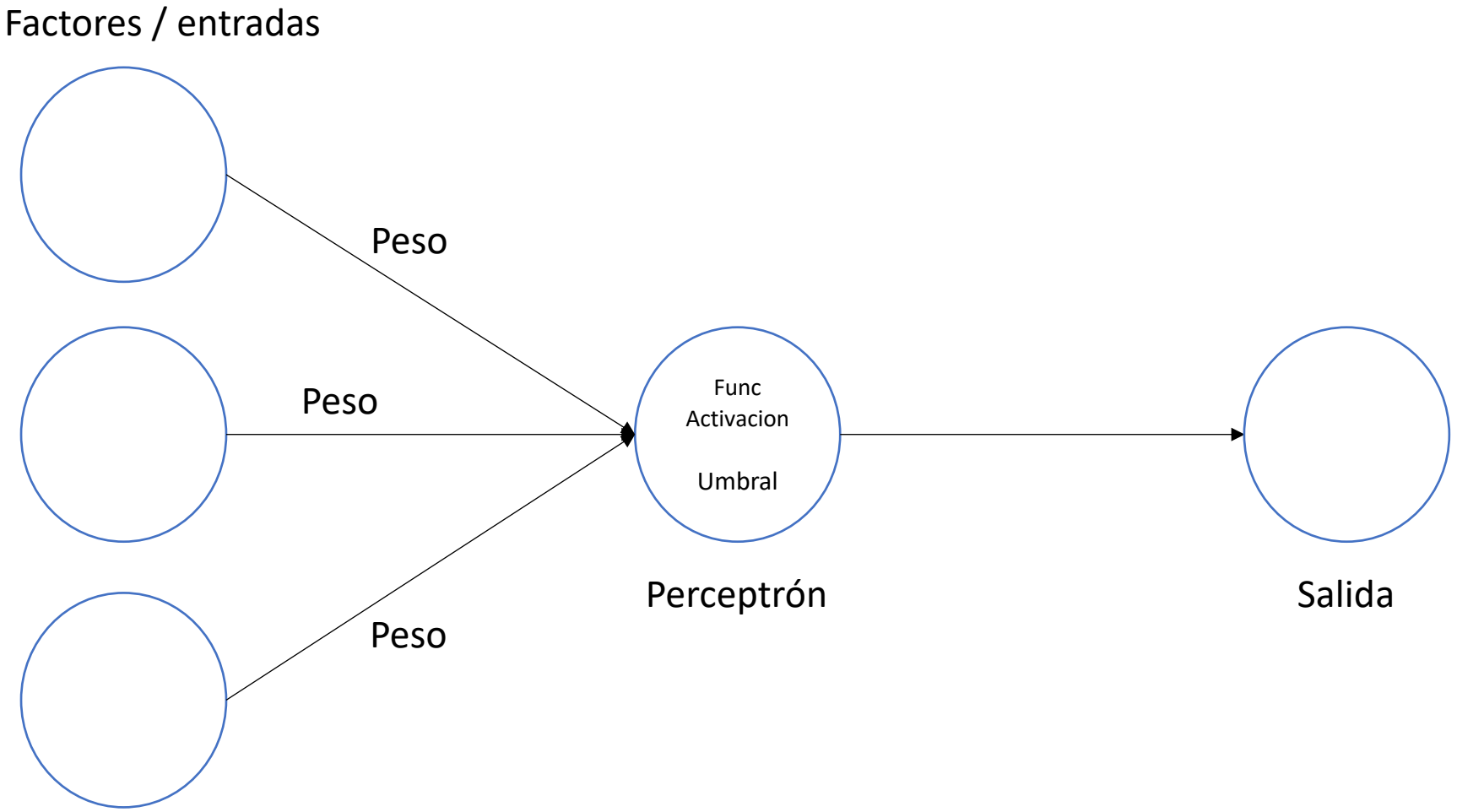

X1 Dinero
0
X2 pareja quiere
1
X3 clima agradable
1
2 > 1
1


X1 Dinero
1
Peso=2
X2 pareja quiere
1
Peso=1
3 > 2
1
X3 clima agradable
0
Peso=1


X1 Dinero
1
Peso=2
X2 pareja quiere
0
Peso=1
3 > 2
1
X3 clima agradable
1
Peso=1


X1 Dinero
0
Peso=2
X2 pareja quiere
1
Peso=1
2 > 2
0
X3 clima agradable
1
Peso=1


X1 Dinero
1
Peso=2
X2 pareja quiere
0
Peso=1
2 > 2
0
X3 clima agradable
0
Peso=1


Factores / entradas
Peso
Peso
Peso
Func
Activacion
Umbral
Perceptrón
Salida


0000ff
Mi sitio web

Automatically choosing the most legible text color based on background

A PEN BY Will Bamford

Fork

HTML

```
<div id="container"></div>
```

CSS

```
* {
  margin: 0;
  padding: 0;
  box-sizing: border-box;
}

#container {
  text-align: center;
}

.box {
  display: inline-block;
  vertical-align: top;
  text-align: center;
```

JS

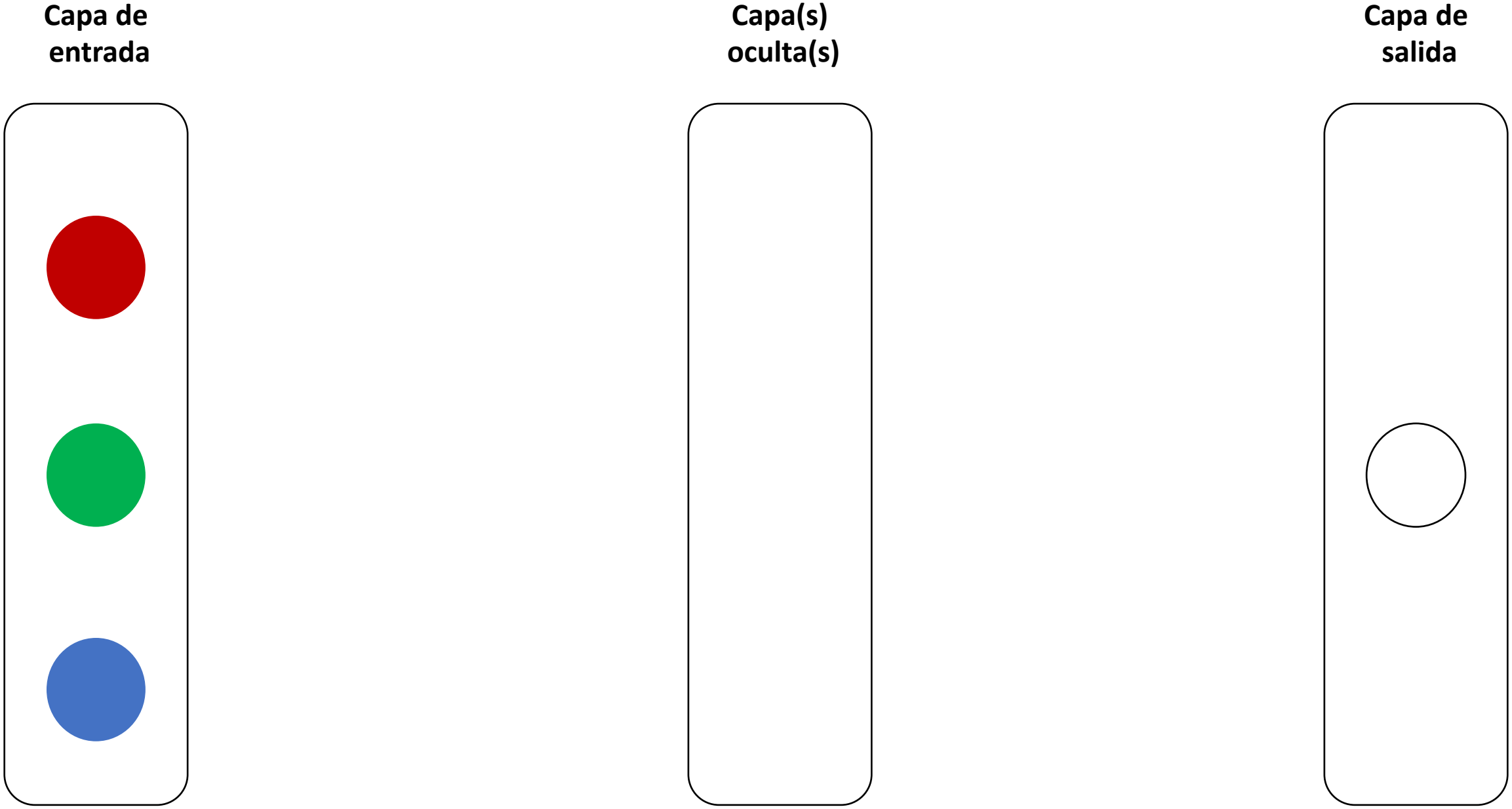
```
var colourIsLight

  // Counting the
  // human eye fav
  var a = 1 - (0.2
  console.log(a);
  return (a < 0.5)
}

var randomRgb = fu
  var r = Math.flo
  var g = Math.flo
  var b = Math.flo
  return [r, g, b]
```

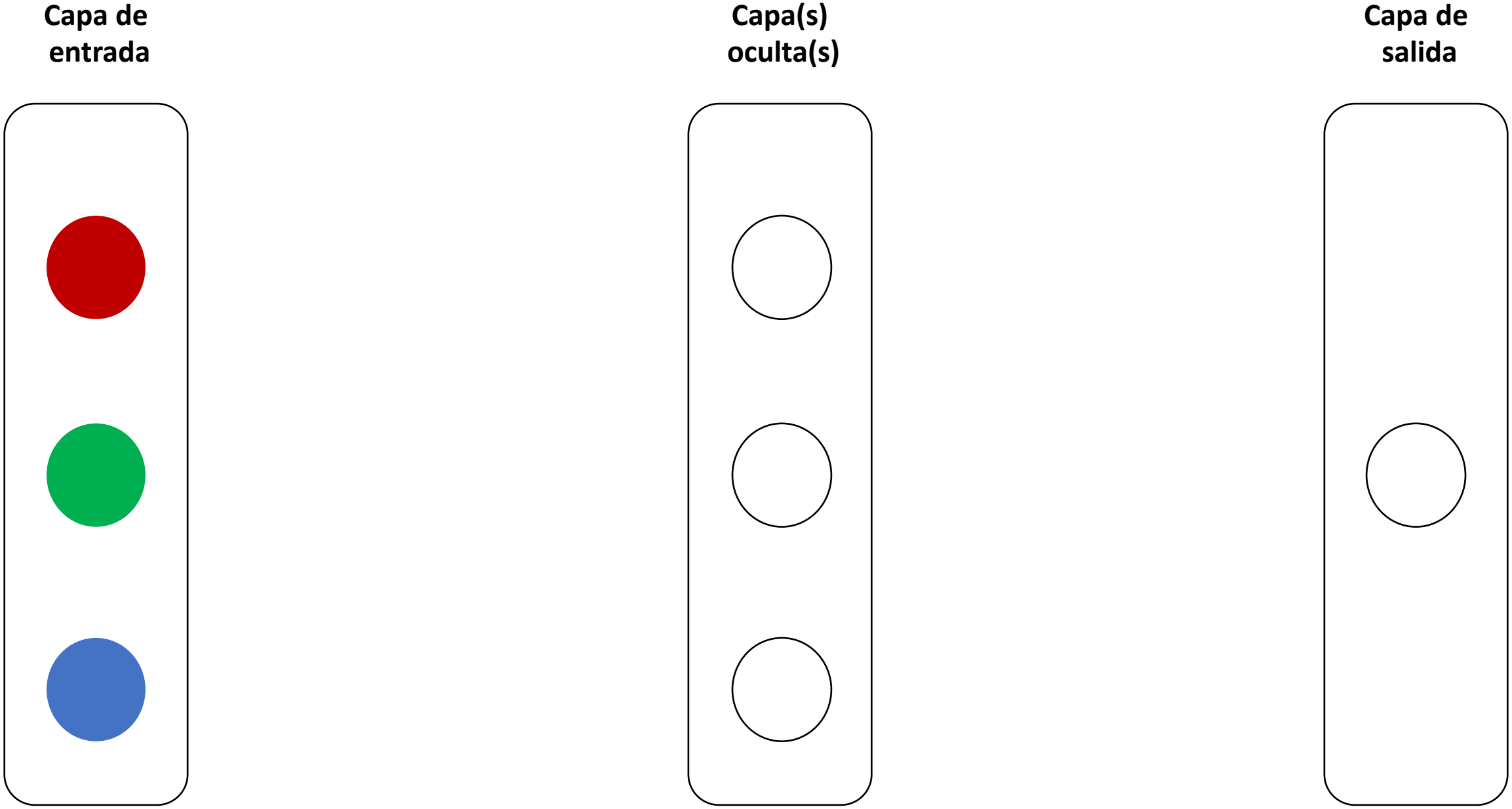
```
33
34
35      function (entrada1, entrada2) {
36          //inicia logica
37          var resultado = 1;
38          //termina logica
39
40          return resultado;
41      }
42
43
44
```

```
48
49
50      function redNeuronal(paramEntrada1, paramEntrada2) {
51          //Procesamiento magico de la red neuronal
52          //(o, la logica de la funcion)
53
54          return resultado; //La salida
55      }
56
57
```

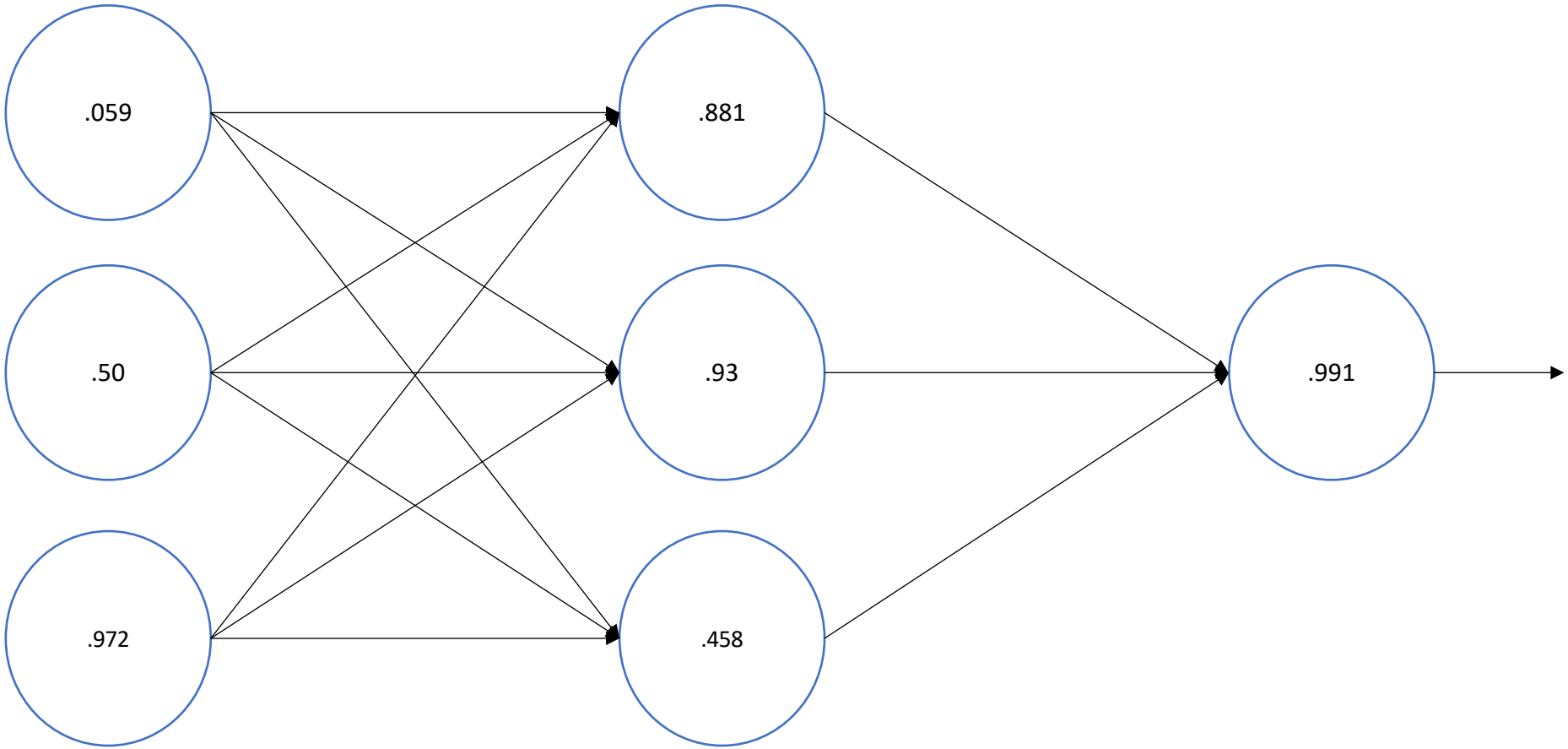
```
58
59      function redNeuronal(rojo, verde, azul) {
60          var blancoONegro;
61          //Procesamiento magico de la red neuronal
62          //o, la logica de la funcion
63
64          return blancoONegro; //1 = blanco, 0 = negro
65      }
66
67
```


Capa de entrada
Capa de salida
1


Capa de entrada
Capa(s) oculta(s)
Capa de salida


Capa de entrada
Capa(s) oculta(s)
Capa de salida


15
0.59
129
0.50
248
0.972


.059
.50
.972
.881
.93
.458
.991


0
0.5
1