

NLP (sentiment analysis)

* 3 features:-

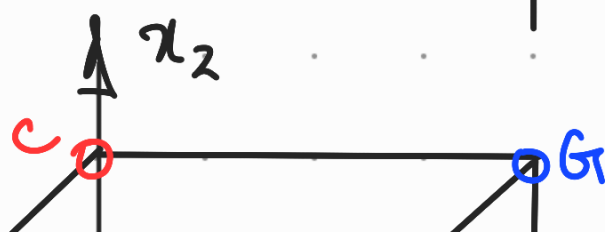
Excellent: +ve (1st bit)

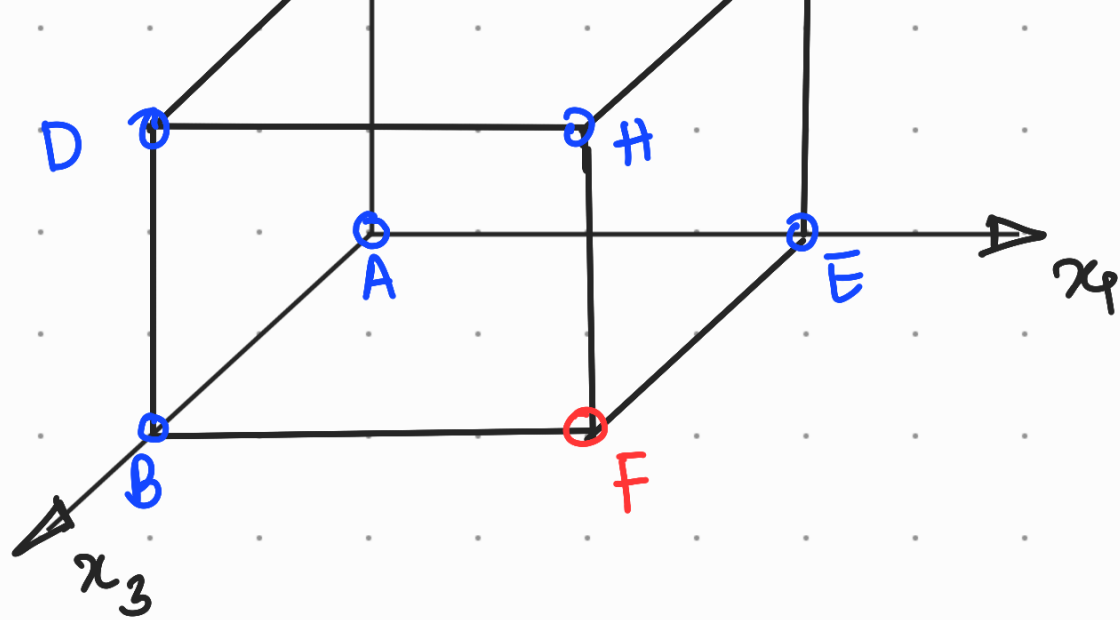
Terrible: -ve (2nd bit)

Not: Flips the category, (3rd bit)

Reviews:

Bits	Review	Output
$x_1 \ x_2 \ x_3$		
A 0 0 0	Neutral	+1
B 0 0 1	Neutral	+1
C 0 1 0	Negative	-1
D 0 1 1	Positive	+1
E 1 0 0	Positive	+1
F 1 0 1	Negative	-1
G 1 1 0	Neutral	+1
H 1 1 1	Neutral	+1





As we can see there is no hyperplane which can separate the red and blue points.

