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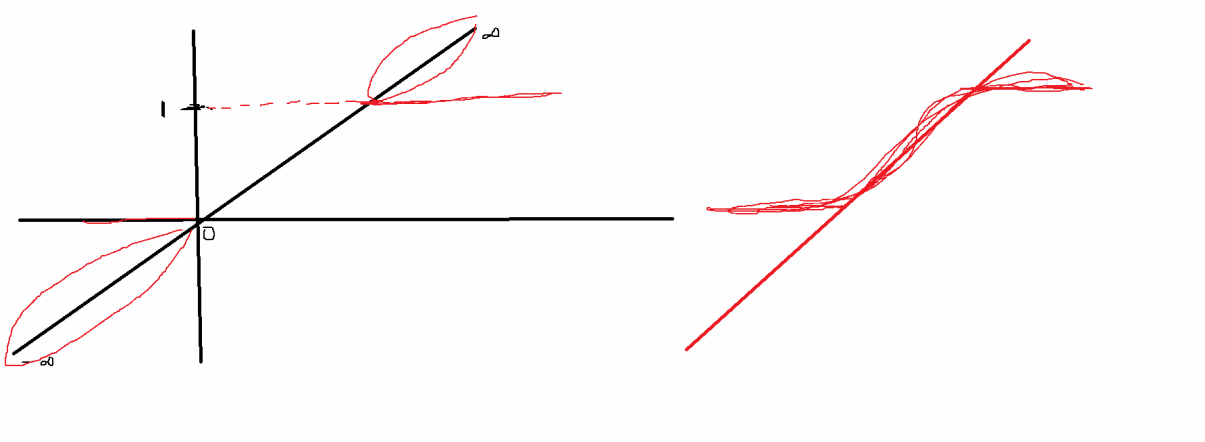
30	**Yes**
20	**No**
40	**Yes**
25	**?**

30	**Yes**	**1**
20	**No**	**0**
40	**Yes**	**1**
25	**?**	**?**

30	**Yes**	**1**	**10+20*30=610**
20	**No**	**0**	
40	**Yes**	**1**	
25	**?**	**?**	


1
0

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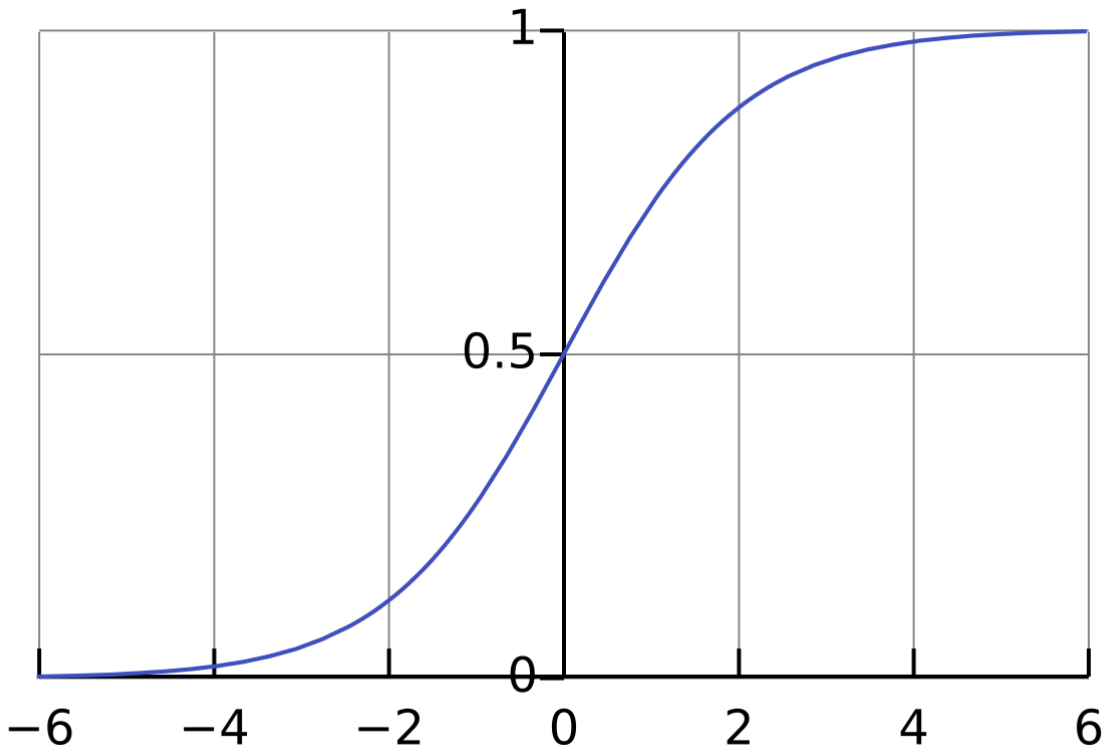
1
0.5
0
−6
−4
−2
0
2
4
6

-
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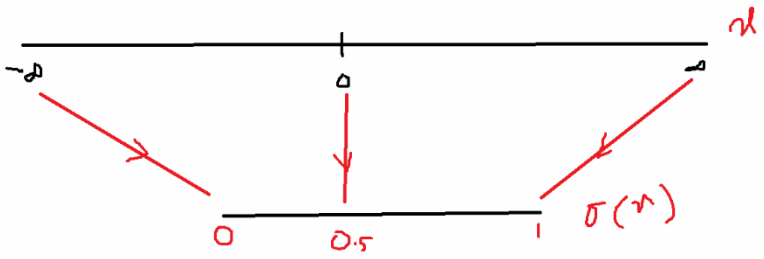
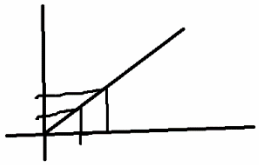
-inf	0
0	0.5
Inf	1



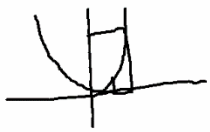
$y = 2x$

x	y
1	2
2	4
3	6
	8



$y = x^2$

X	y
1	1
2	4
3	9
4	16



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-
-

$e^y = x$

$y = \log_e x$

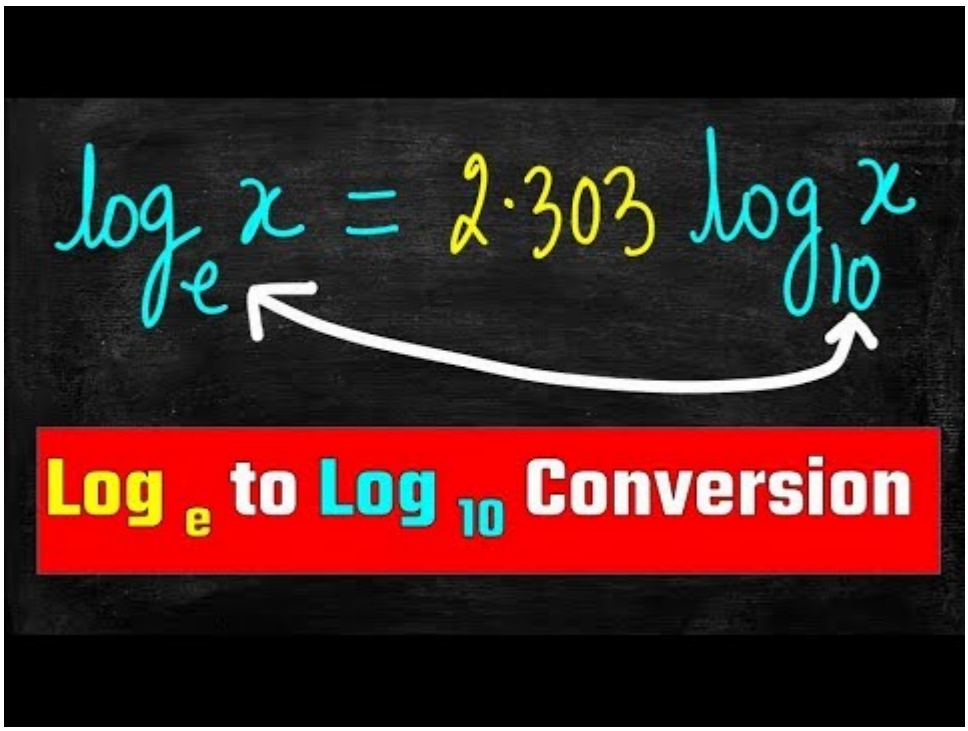
$\log_{10} a = 2$

$a = 10^2$

$\log_2 a = 4$

$a = 2^4$

$\log_c a = 2 \quad a = c^2$

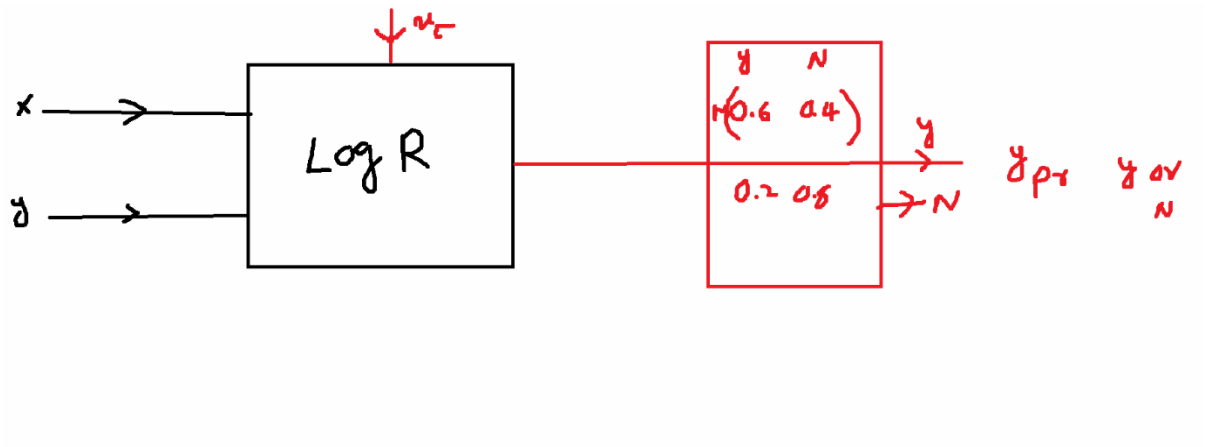


Sir suppose we have three unique labels then how the ratio will diffe

Rich poor middile

Rich vs poor+middile

1)
2)
3)
4)
5)
6)



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Then why we are learning this math sir?

We need to learn ==== we need phd

How the models are developed ==== create our own models(We are not doing)

may be project timeline is big factor not to develop new algo

Rani

Sir will we do comparison between writing Linear Regression algorithm from scratch and using sklearn which one performs better ?

Distance between two points =