## Performance Matrics (Binasy Classification)

- 1. Confusion Motrics
- 2. Accusancy
- 3. Precision
- 4. Recoll
- 5. F-Belo Score (F1 Score)

ı	1-Positive - True 0-Negative - False
	1-108+10
	Negative = false
	0 -10 0

1, 1 -> Tour Positive

0,1 > False Positive 0,0 -> True Negative

1,0 -> False Negative

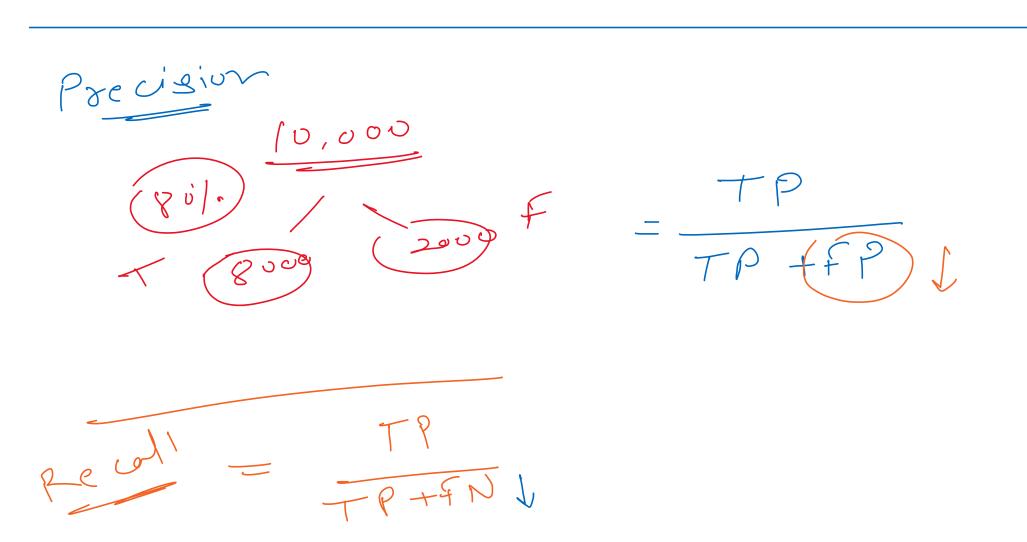
dutaset	(Feature -	×, ×2/, y y/
	pi Mond	
$\mathcal{X}_{1}$	X <sub>2</sub> Y	I Predicted Value
	- (1)	(0) < FN
		1 CTP
		1 « FP
		O ETP
		1 < FP
	12 chin	
		TP + TN
9-redi des	TP FP	$A(curacy = \frac{1}{TP + TN + FP + F})$
	TP FP 2	
		2 +1

 $\frac{1}{50} = \frac{3+1}{3+1+2+2} = \frac{3+1}{8} = \frac{3+1}{50\%}$ 

Wotspan Notspan

b

b



= (1+B<sup>2</sup>) Precision \* Recall)
= (1+B<sup>2</sup>) A(Precision + Recall)

1) False Positive and FN = Important = B=1 (1+1) (1)(P+R)

 $\frac{1}{(2)} \text{ f. Positive } \text{ fN} \quad \text{ } = \text{ } 8 = \text{ } 0.5^{-}$   $\frac{1}{(0.25)} \frac{P \times R}{(0.25)(P+R)}$ 2) +.100.

(82)

(82)

(94)

(94)

(94)

(94)

(94)

(94)