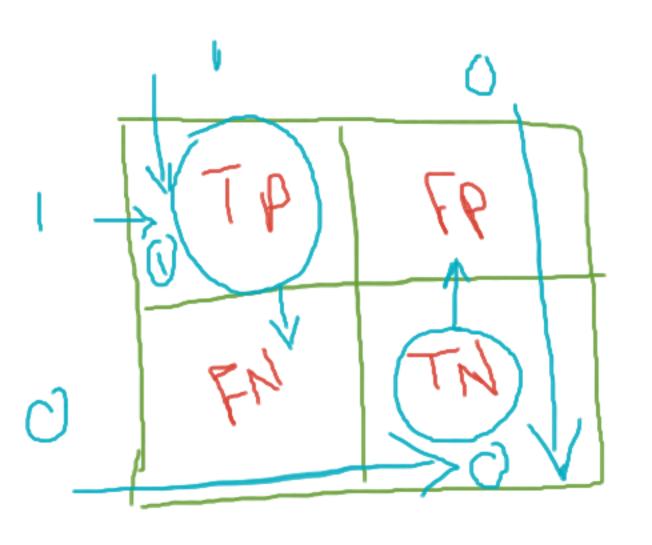
Logit odd = Logit trusformation

 $\left(\frac{1}{1-P}\right) \rightarrow odds$ 

## Confusion Mutrix :-



万0 ⇒ 20 → 1 20 → 20

Janus :

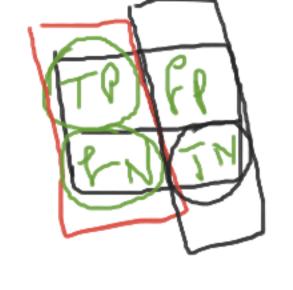
TP + TN

Actual

0051×126 Reduken Rosiking

1) TPR :- True positive Rute

IJ FNR - Palse Negative Eute = FNR = TP+FN



TNR - Frue Negative Rate

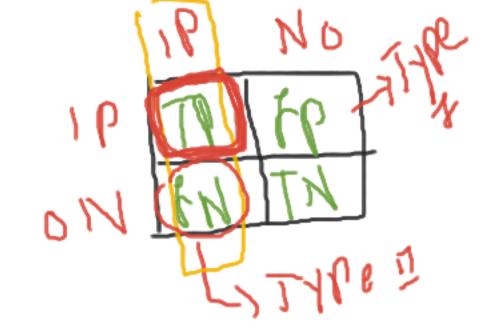
TNR - TN TN TN + PP

M FPR = folse positive Eate.

FPR = FP = FP + TN

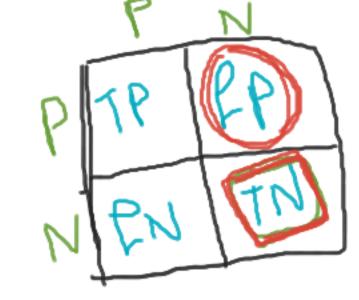
TPR =

TP + EN



= Proportion of positive class got correctly classified by the classifiet JFNR = FN FN+TP

> = proportion of positive class got incorrectly Classified by the classifies



= Proportion of -12 class got correctly Classified by the classifiet M PPR = PP+TN

- Propostion of -ve class got incorrectly classified by the classifier 2] Classification Report:

1 Precision

17 Recall

11] F. - Score

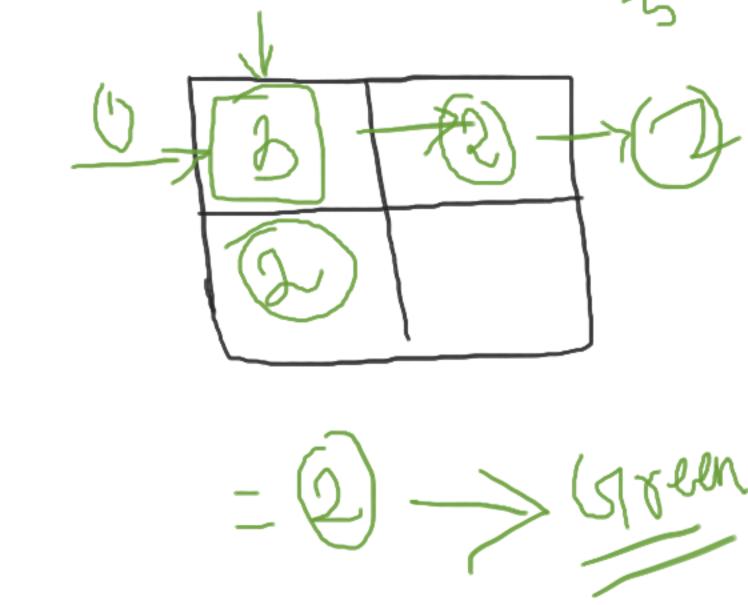
TP recision:
TP + PP

= Out of total predicted positive Treem Values, How many values are actual Positive 4+7=7 (B) 7

In Recall = TP+FN = total actual positive Values TP: true positive values

= Out of tokal autual positive Values (Results), How
Many are positive predicted Values of
Results

$$P_{\beta}-5\cos e = \frac{(1+\beta^{2}) \times P \times R}{\beta^{2} \times P + R}$$



$$= (2) \rightarrow Red$$

Then 
$$\beta = 0.5$$
 (PP).

R = 0.5 = 
$$\frac{(1+(0.5)^2) \times P \times R}{(0.5)^2 \times P + R}$$
 $\beta = 2$  (PN) = 
$$\frac{(1+(2)^2) \times P \times R}{(0)^2 \times P + R}$$