Dog Predictions :

True positive : out of positive predictions how many of them are true really

True positive : 4

False positive : out of the predictions of samples was positive but they are false

False Positive : 3

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No Dog Perditions :

True negative : Out of negative predictions how many of them are true really

True negative : 1

False negative : pit pf the predictions of samples was negative but false

False negative : 2

How many we got right ? true labels = > 4+1 = 5

True positive and true negative

Accuracy => 5/10 (No. samples) = 0.5

**For dog class :**

Precision : is out of all dog **predations** how many you got it right ?

Precision = 4/7 = 0.57

Precision = TP / ( TP + FP )

Recall : is out of all dog **truth** how many you got it right ?

Total dog truth samples = 6 True positive = 4

Recall = 4/6 = 0.67

Recall = TP / ( TP + FP )

For precision , think about your predictions as your base

Fore recall . think about your truth as your base

**For no dog class:**

Precision = 1/3 = 0.33

Recall :1/4 =0.25

When u are doing confusion matrix u need to supply **Truth** and **Predictions**

Recall and precision for individual classes