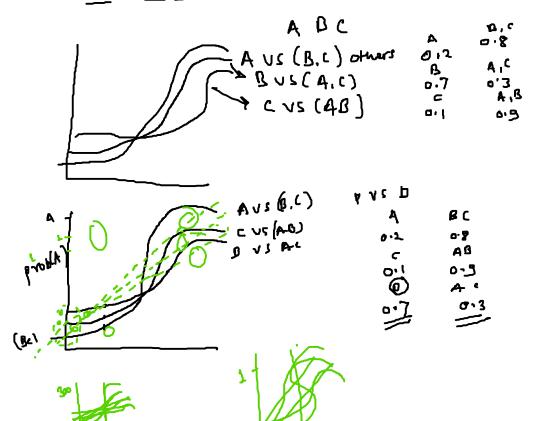
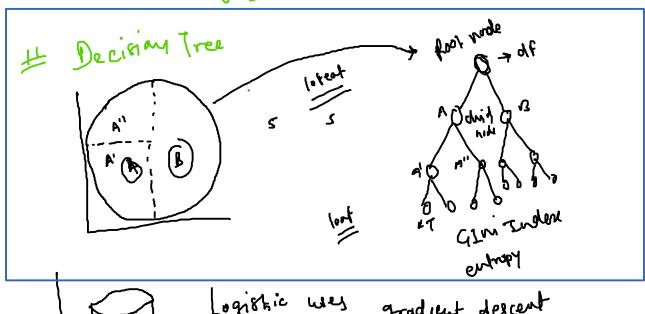
Multiclass (ours rest) OVR





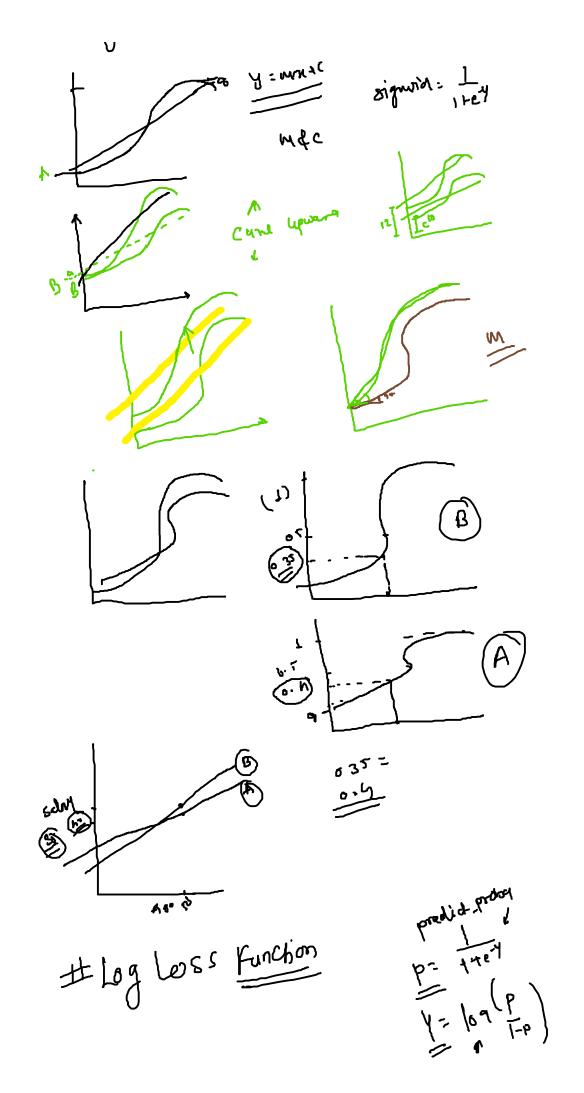
Logistic

gradient descent

Log Loss function (coer function)

- A= MN7C

imind: 1



prolise

A FOE multiclas

Blue Blue Red

>7 (or early classified

When ya = 1 >7 part 1 = 0

(016 (5) A = 1 1 Ab = 10m = 0.5

model is saving because of prob of 2)
belonging to case the is less / lowe
model product it belongs to Rad class
Misclassified / incorretly chasified

LL= [x log(0,2) + (1-1) d(1-0.2)
- 1x1.6
- 1.6

care & 4=0, 4p=100

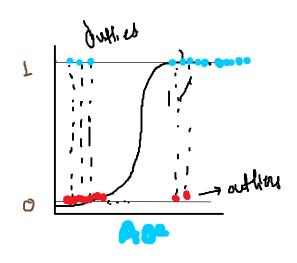
model il prediction it
belongs to Red

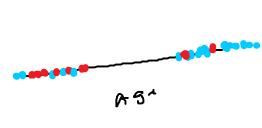
prilo(L)

Correctly classical

mode predict it belongs to char Blue.

Misclassified linearethy chapities





Metrics For classification

1) Confueran Matrix 2) Classification report

3) Recell, precision, FI-Score, 9(4) ABC, ROC.

hi