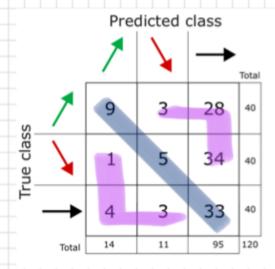
dechipe 9 - 24/09/24

- · Is my wassined coop?
 - INFOCUCED COMMON COAL MINIMIZE MISSONSSIFICATION DATE!
 - WHEN WERDOUGHE LOSS NOT ALL ERRORS ARE EQUAL!
 - Y CLASSIFICATION WE HAVE IN () A SPECIFIC IDEAL PERFORMANCE (ERRS TO ANOID!
 - GIVEN THAT FLASHS REQUIRE F MEIRICS WE HAVE LOTS OF PERFORMANCE METRICS
- . No matter which performance metric you choose:
 - METRIC IS EVALUATED ON TEST SET

test test

· At the Y of performance metrics:



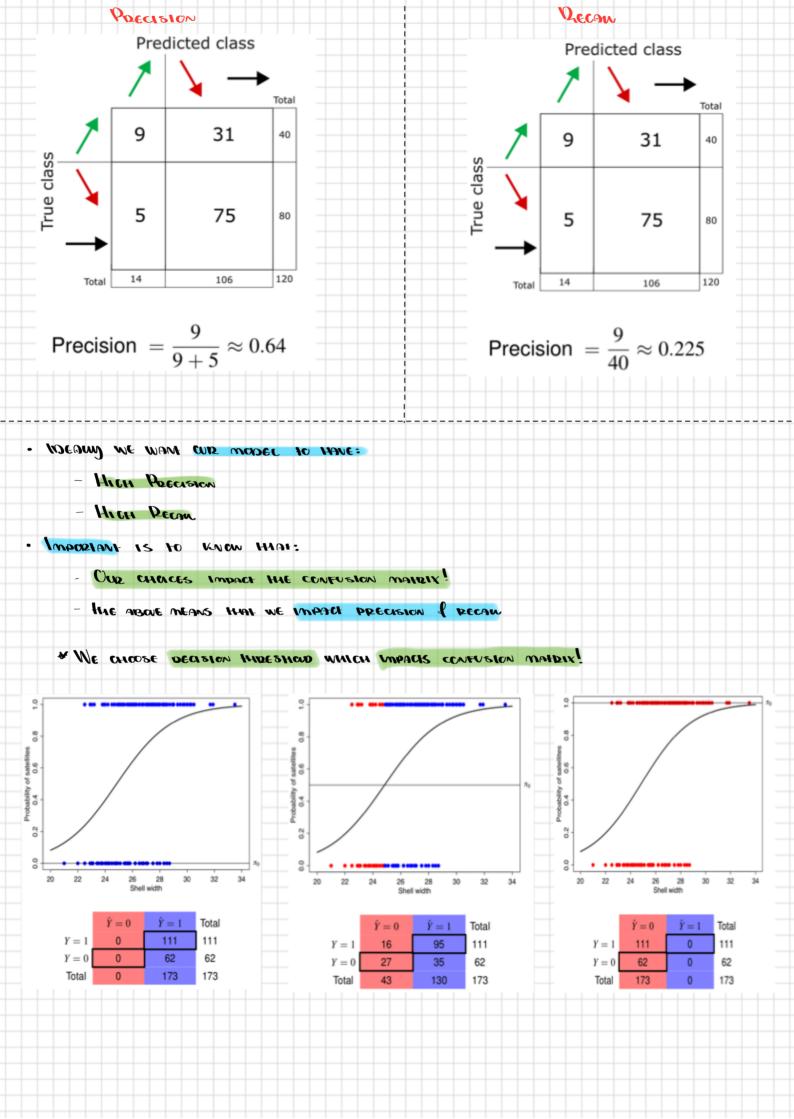
- CONFREION MOTORY!
- Accuracy: (9+5+33) / 120
- MISSCLASSIFICATION DATE: (1141313128134)/120

- · Preicision & Recall
 - Han precise ARE IIS PREDICTIONS?
 - Precision # OF PRUE POSITIVES ON OF PREDICTED POSITIVES

tod a stock classified as indeasing, what is the prob that it is actually increasing?

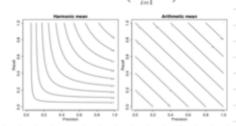
- How come is It At DETECTIVE CASES ?
- Decau H CF HOUR POSITIVES OUT OF POSITIVE CASES

Given AN INCREASING SHOW, WHAT'S THE PROB OF DETECTIVE IT?



$$F_1 = \frac{2}{\frac{1}{P} + \frac{1}{R}} = 2\frac{P \times R}{P + R}$$

The harmonic mean of x_1, \ldots, x_n is $\left(\frac{1}{n} \sum_{i=1}^n x_i^{-1}\right)^{-1}$



PUNISHES SINGLE LOW NUMBERS MORE THAN HIG

ADIHMENC MEAN DOES.

to cer a mich F1-scare, mich becom & pagersion

IS NEEDED!

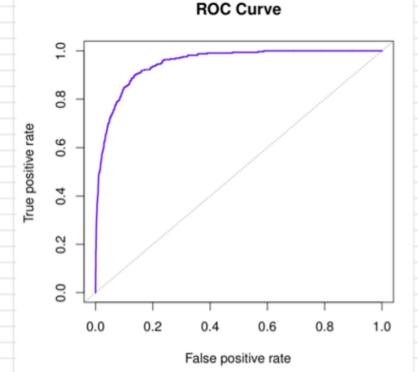
FOR IL CLASSES I K SEIS OF PRECISION & RECALL & K F1-SCORES

QCC CUBLE (BINARY CLASSIFICATION)

· the DOC CADUE PLOIS:

Tous positive Date 18 False positive Date

(HP ON OF POSITIVES)



this is the Padam wove.

ONE POUNT = ONE CLASSIFIED

ONE CURVE : SET OF CONSIDERS

FOLLOW LINE FROM BOHOM LEFT = CHANGE HAR.

IDEAL CLASSIFIED: TOP LEFT CORNER

DEAL FAMILIES: HOWA A HUGE AVO