Classification Table; Precision: We know,

Poecision = TP+FP

: Precision of Iris-se-losal= $\frac{13}{13+0} = \frac{13}{13} = 1$

Precision of Iris-Setosa, Pa = 15 = 15 = 0788

· Precision of Iris-Vinginia, Pe = 12 - 13 - 0.92

Recallo We Know,

Recall TP+FN

Recall of Irois-Setosa, RA = 13 - 13 - 0.93

Reall of Irois- versicotor, R_B = 15 = 15 = 0.94

: Recall of Iris-Virginia, R = 12 = 12 = 0.80

Here,

Macro Avg = PA + PB + P3

(Preinion)

1+ 0.79 + 0.92

Weighted Averages = 0.90

we know, Zo wix; with weighted and rage, W= Zo wo

here, n = number of terms to be averaged $w_i = weightn applied to x values$ $x_i = data values to be averaged$

weighted average of Precision = 1×14+0.79×16+0.92×15

: Macro Aug of recall =
$$\frac{R_A + R_B + R_C}{3}$$

= 0.93+0.94+0.80
= 0.89

... Weighted Aug of recall = 0.93×14+0.94×16+0.80x15 SI + 21 + 5 10.89

Fi-Scores

We Know,

88888 Ofrecision X recall F1-500re = 2 X Precision + recall

: F,-xore of Inis-setosa = 2 x 1x0.93 = 0.96

Firscome of Frin- vericolor = 2x 0.79x0.99-0.86

: F. score of Irin-virginia= 2x0.92x0.80 = 0.86

0.06×14+0.86×16+0.8×2 . Weighted Any of Fi-Score=

-0.89

Name: Vonne Rubaijat choudhorg 10:50519057 macro and of f. score = 0.96+0.86+0.86

20.89

Accuracy: · . De We Know, ACCUTACY = TP+TN+FP+FN 1XP00+P1X600 = 13+15+12 0000 X 1010107-10.88888 EGOXE X Z = DSOLDS - SINI TO DADJ-E'- score of Isip- revicolor- 5x 0.30x0.34 F. Score of Info virgina: 5x 0.05 x 080 08 0 + 500 = 951072-17 to pual bat