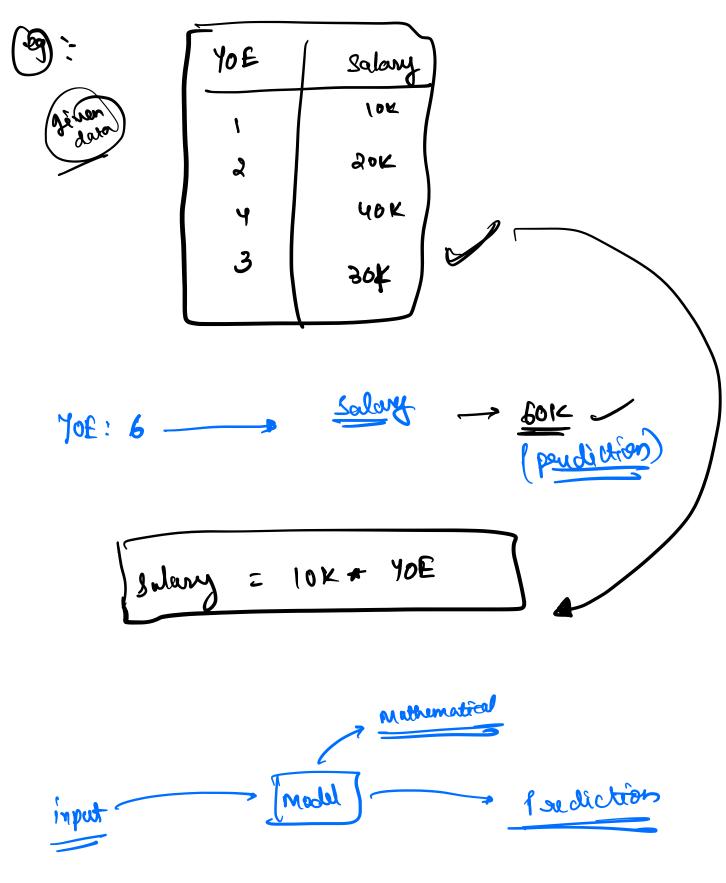


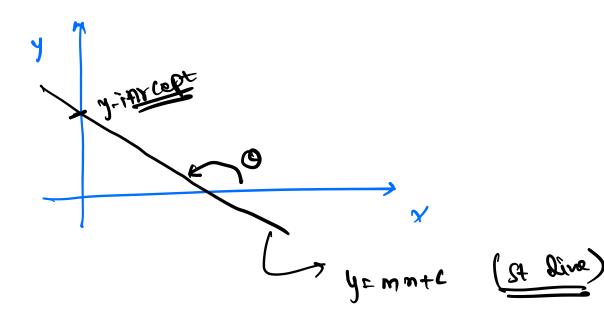
lect: linear Algebra 1: The ML Context.





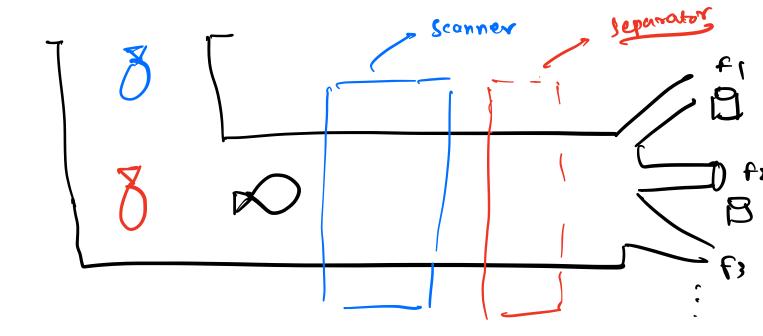
(SI)

(18 m/s)



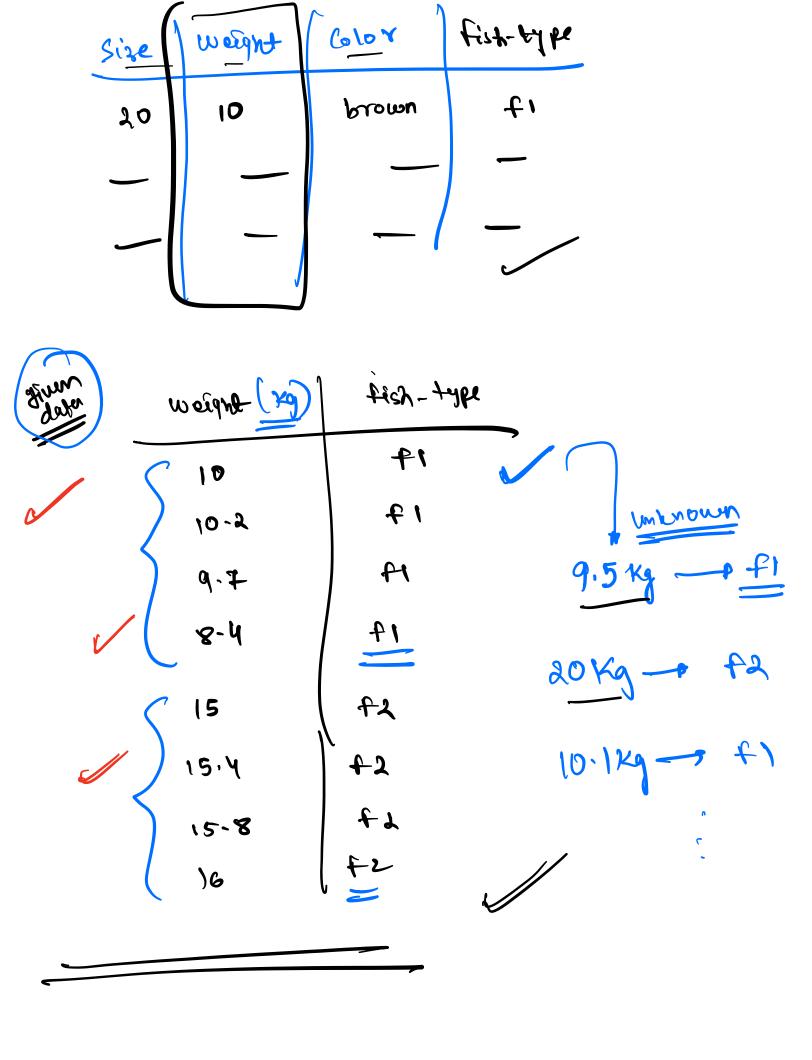


~ 40 variants

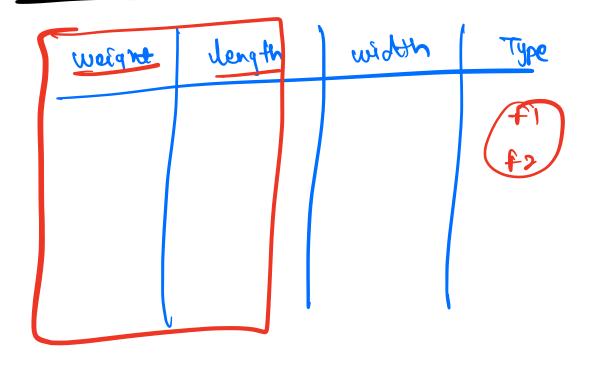


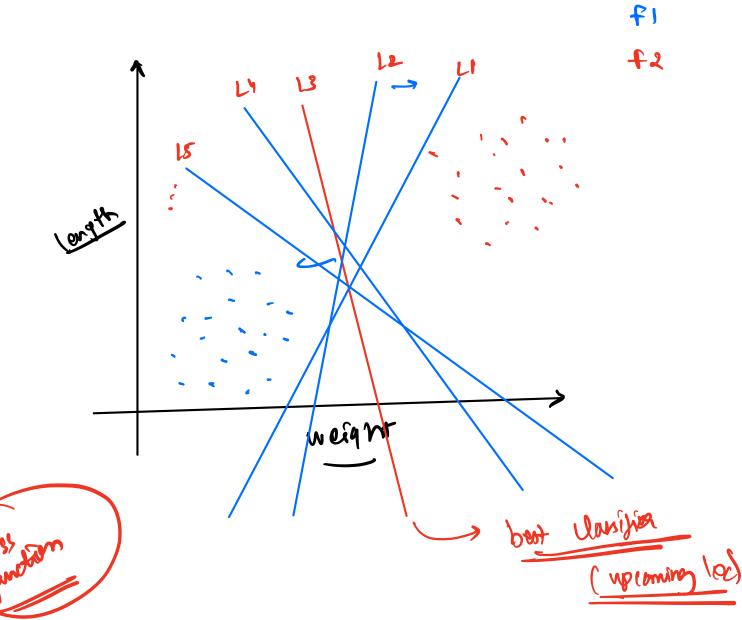
Purameters: (features)

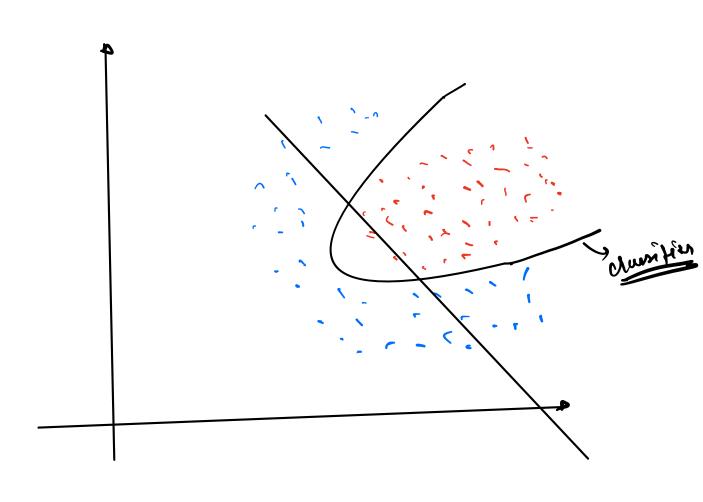
- 1) Size
- Weight
- 6/00 Appearance > Texture I Shape / dusign

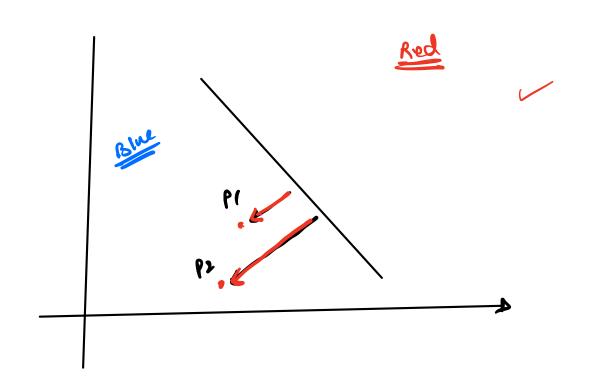


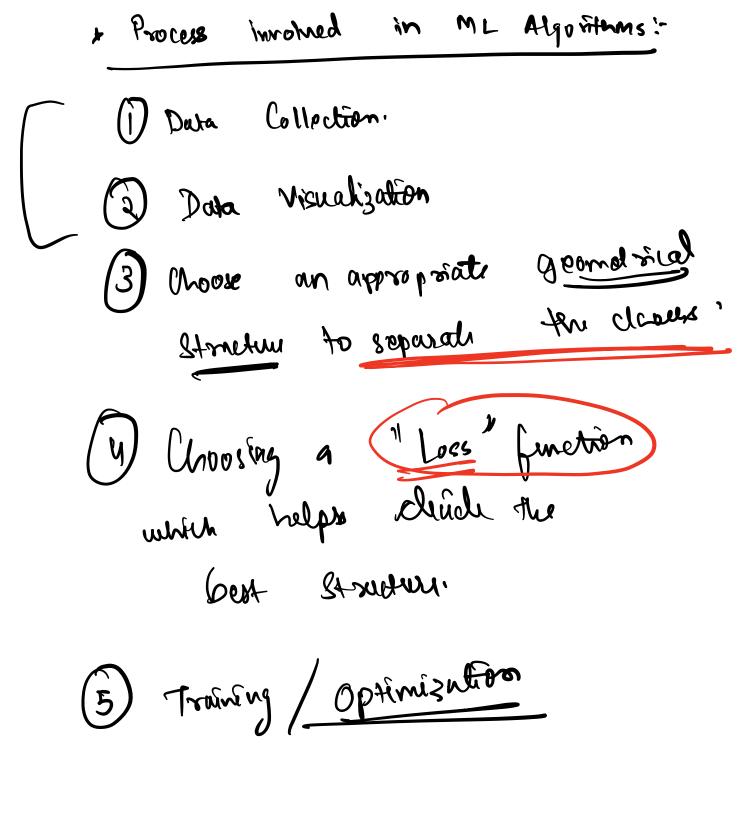
* Tes núnol ogéas and probled width label/ major Type Longh Dependent Variable some / second / Denta points

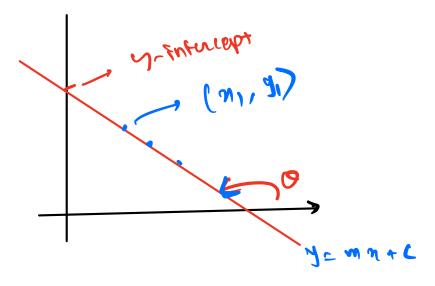












$$m = \frac{\tan(a)}{a}$$

- 00 2 tano 2 00

Ant By
$$+c=0$$

[win + w2y + w0 = 0] - ML

me ight

Leatur

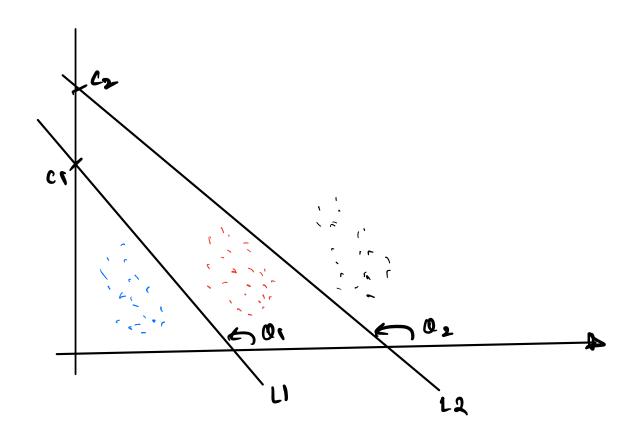
$$\begin{array}{c}
An + By + C = 0 \\
An + By + C = 0 \\
By = -An - C \\
y = (-A)n - (B)
\end{array}$$

$$w_{2}y = -w_{1}m - w_{0}$$

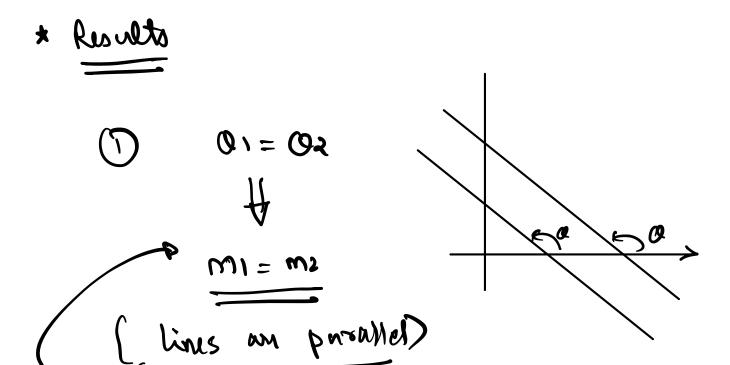
$$y = \left(\frac{-w_{1}}{w_{2}}\right)q + \left(\frac{-w_{0}}{w_{2}}\right)$$

$$y = m_{1}m_{2} + c$$

$$m = \left(\frac{-\omega_1}{\omega_2}\right), \quad C = \left(\frac{-\omega_2}{\omega_2}\right)$$



$$m_2 = ton(a_2)$$

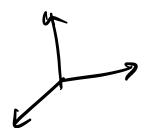


2) If lines are perpendicular to

 $\left[m_1 * m_2 = -1\right]$

colst month mo = 0 - 3D

WIN1 + WIN2 + W3N3 + W0 = 0



(0,71) + we yn + co 3 73 + wy yy + wo = 0

Calus

Continity

Gradient Descont