

Calculus

Co-ordinate Geometry

Optimisation (G.D)

Flow

Concept -> Visualization -> Mathy -> Code

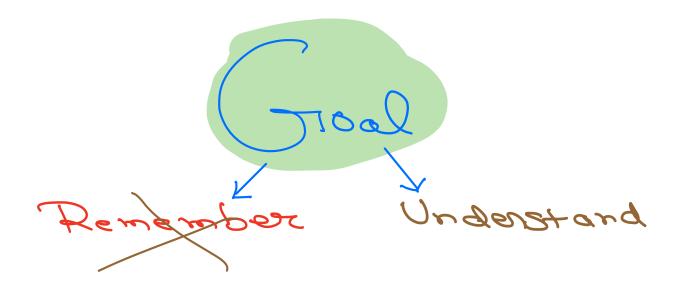
Where to find Notes and Coole?

D github.com/SochinScaler/Nov23\_MathyforML

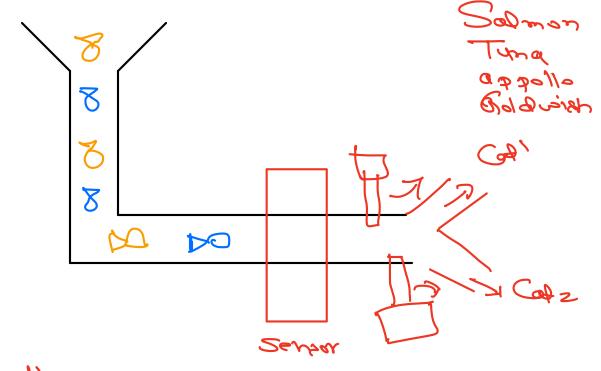
D Lecture Attachments

## Take Home

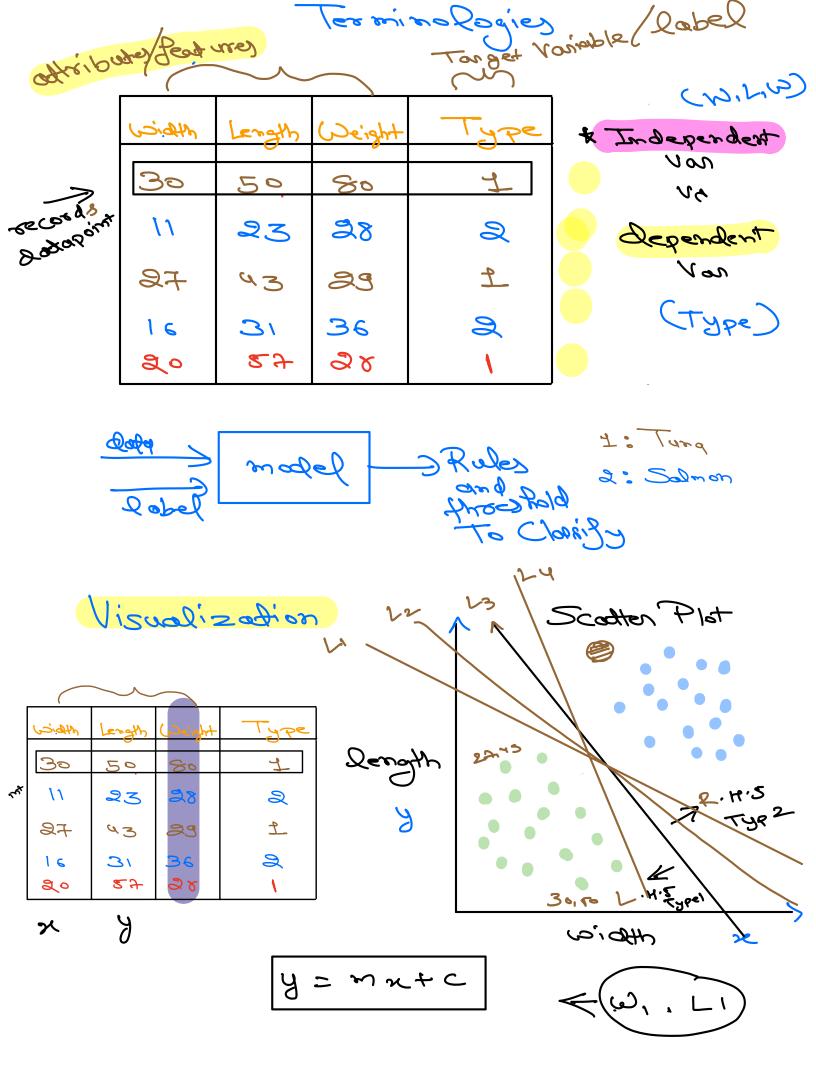
- (harapous Chauselas C
- 3 Homework (optional)
- grottes ond spess capt on Classian (Spriond)



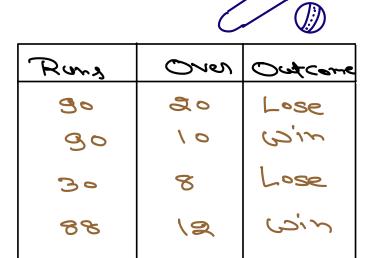
Ex-1 Fish Sosting Machine

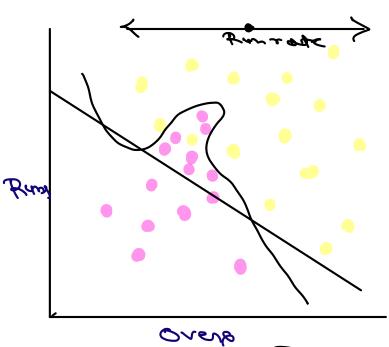


D Length
Didth
Colour
Deight



Ex-2: Cricket win prediction



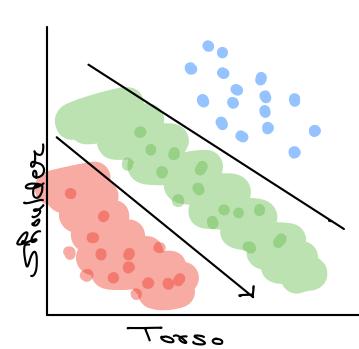


4 Sometimes a Dine it not the Best option

## Ex-3: Tobiot Size Poediction

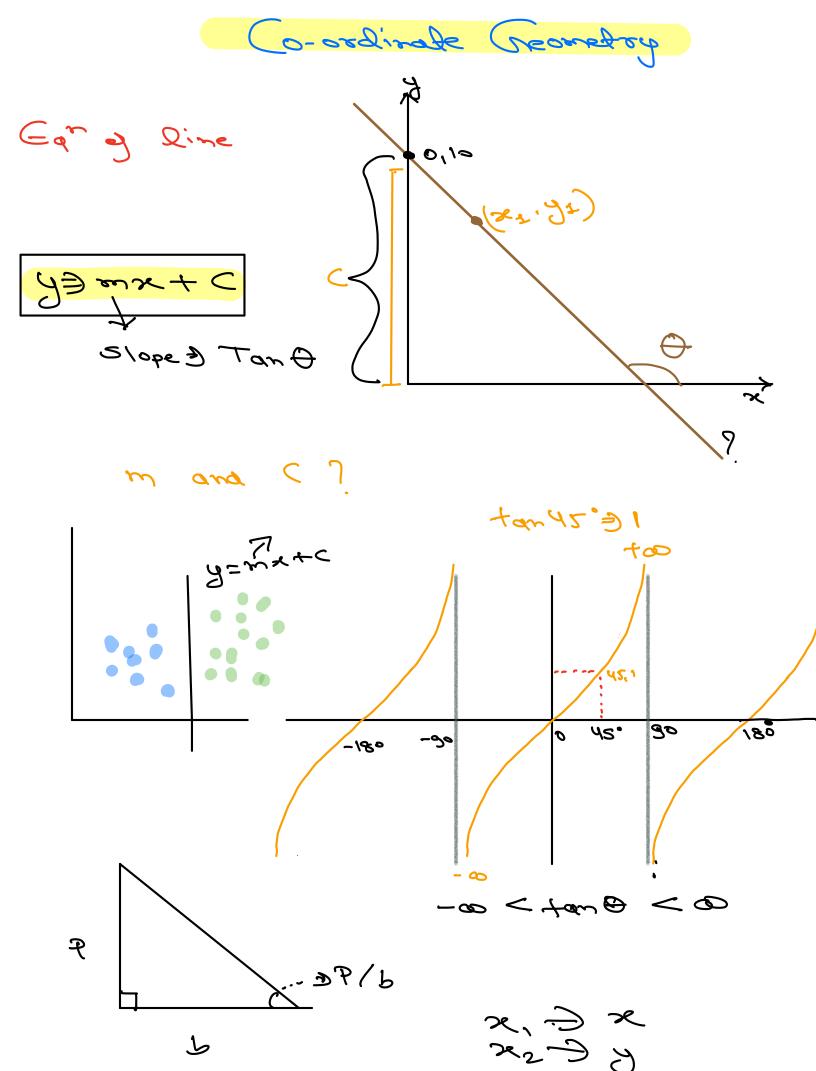
Torso	Shoulder	Size
45	32	Ø
52	95	M
60	52	
65	98	
48	36	8
55	५3	M





45,33) => S,M,2 One Ve Rest

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## General Form of Egr og line

 $ax + by + c = 0 & 3\omega_{1}x_{1} + \omega_{2}x_{2} + \omega_{0}$ 

69€ - ax - c 30 (a)x - (a)x b) x intercept and Slape?

weight/parameters) w, and wa bias d wo

we was

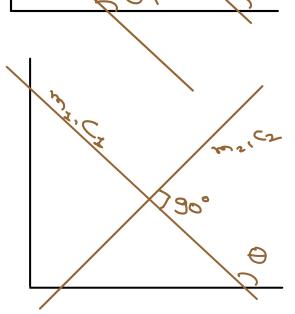
Relationship blu mi

y = mize + Ci

y= max + c2

Cı

y = max + C2



Half-Spaces