	Previous Clan (Sept 20)
)	Recap + Ovizzes
(2)	XG Boost & Optimization
3)	X GBoost Hyper - params
/5)	Code walkthrough of XhBoort Light GBM & Optimization
(6)	Code walkthrough of Light GBM
7	Stacking
(8)	Carcading
	Today?s clus
1)	

Deproblem Statement

2) Greametric Intuition of SVM

3) Hard Margin SVM

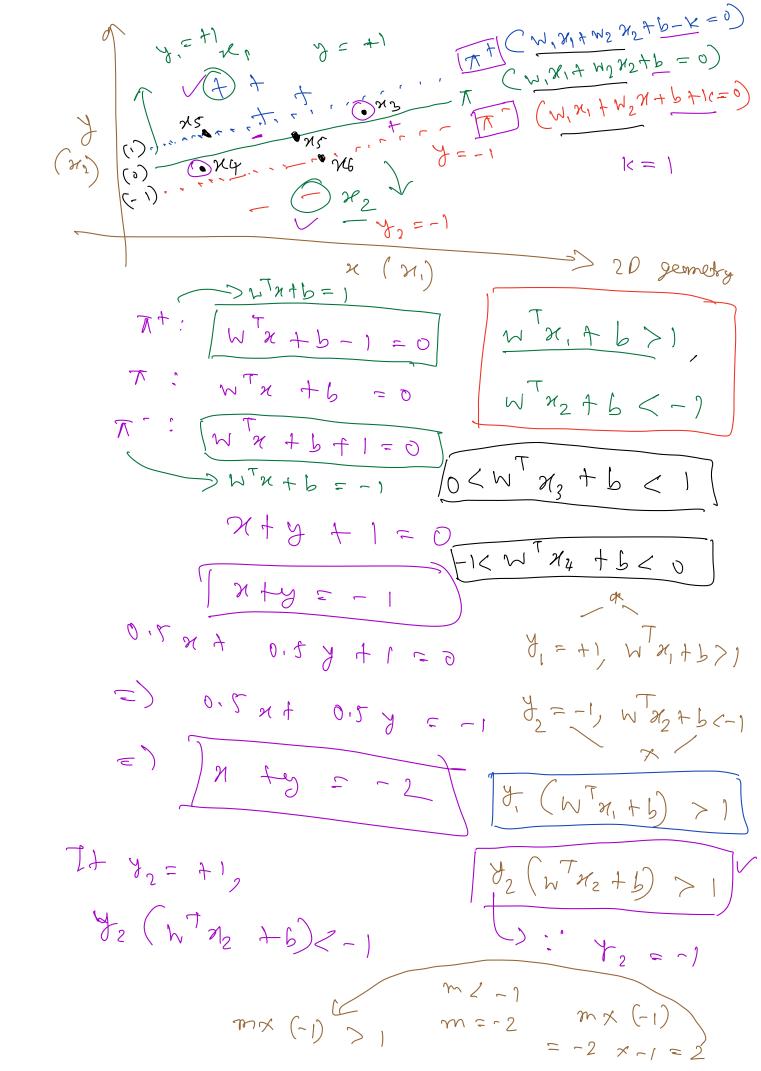
4) Soft Margin SVM

5) Algebraic Intuition of SVM

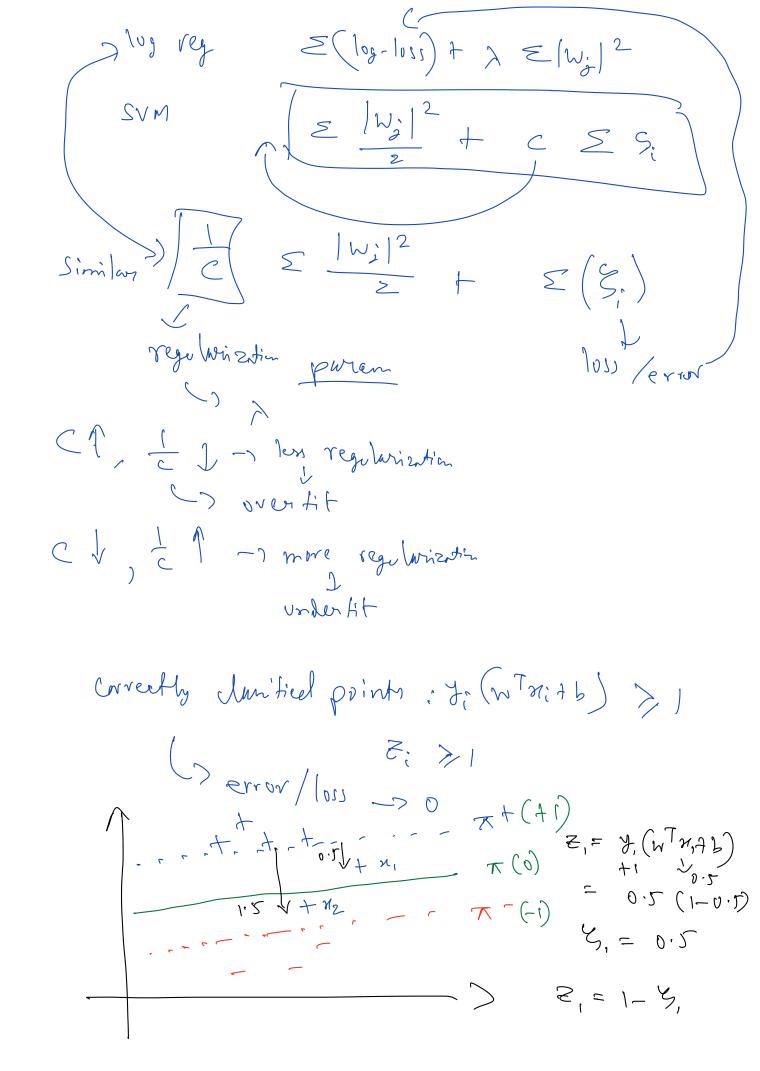
6) Hinge Poss

7) SVM Imbalance

Code implementation



$$||w|| = ||w|| = ||w|$$



$$\frac{z_2}{(+1)} \times -0.5$$

$$= -0.5 \quad (1-1.5)$$

$$\frac{z_2}{(+1)} \times -0.5$$

$$= -0.5 \quad (1-1.5)$$

$$\frac{z_2}{(+1)} = 1.5$$

$$\frac{z_2}{(-1)} = 1.5$$

$$\frac{z_2}{(-$$