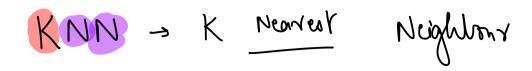
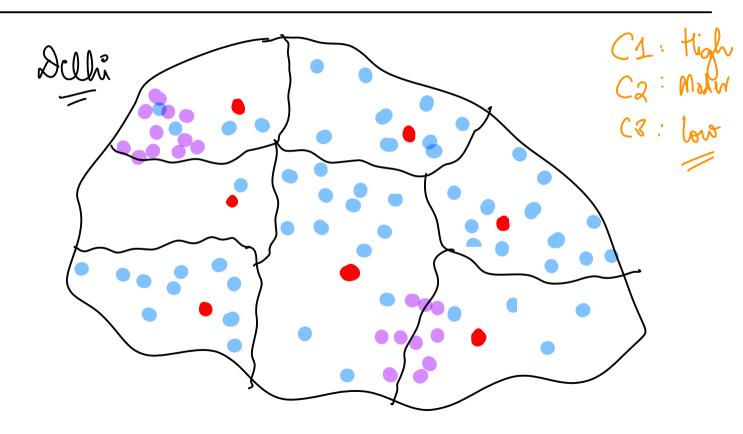
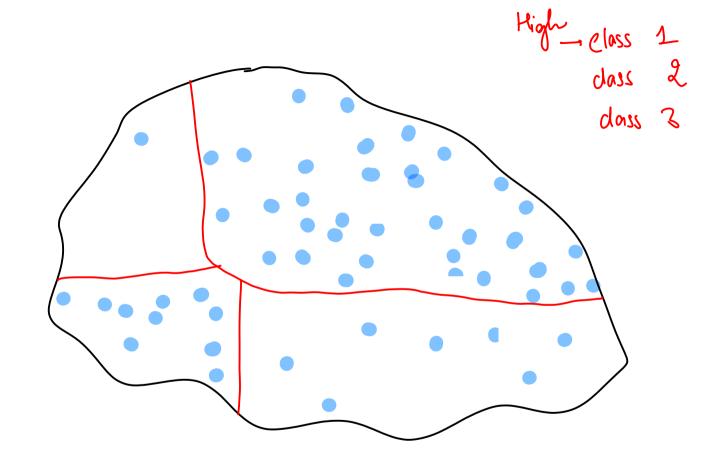
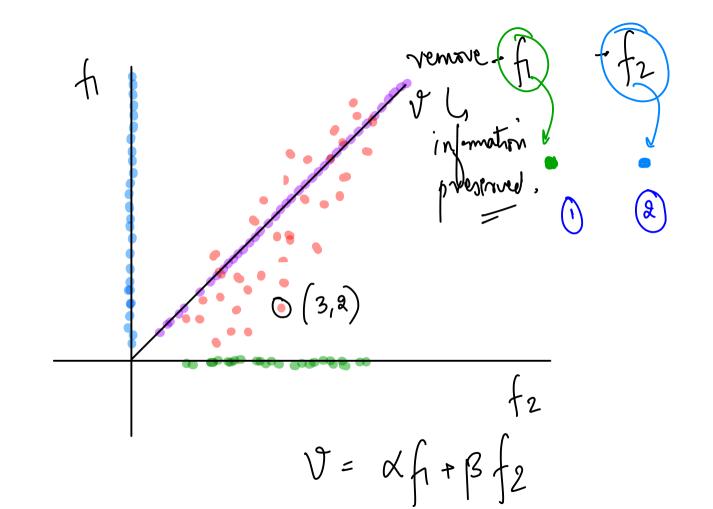
KNN-1

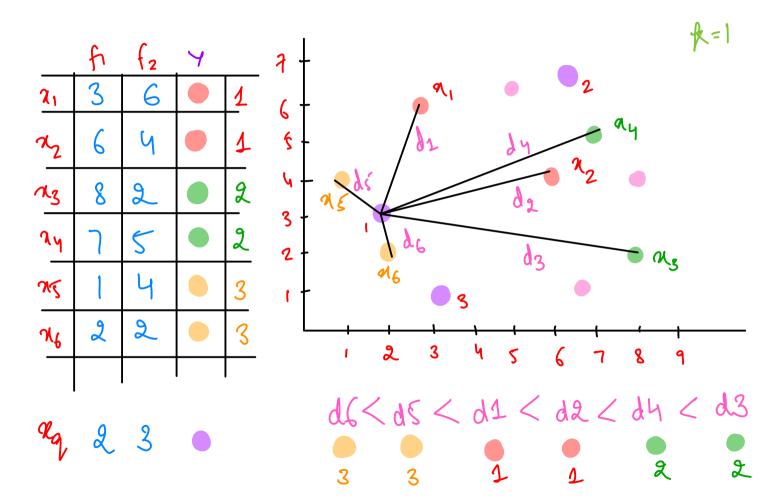
(1) (Notes)
(2) Classnow:- II -> (1st) -> (2nd) -> (3vd)
(3) Doubts: nikhid. sanghi @ Scaler. com











We try to avoid even value of R

We hy to choose odd value of k

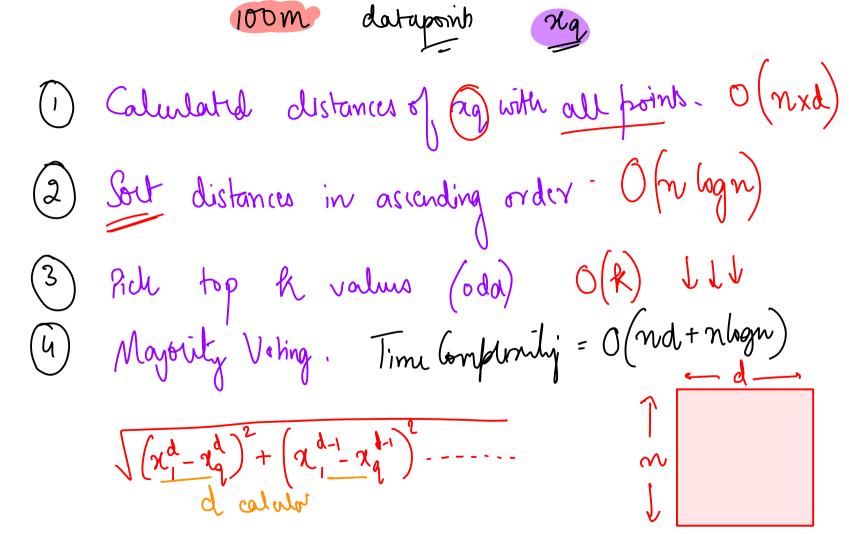
$$n_q \Rightarrow 3$$

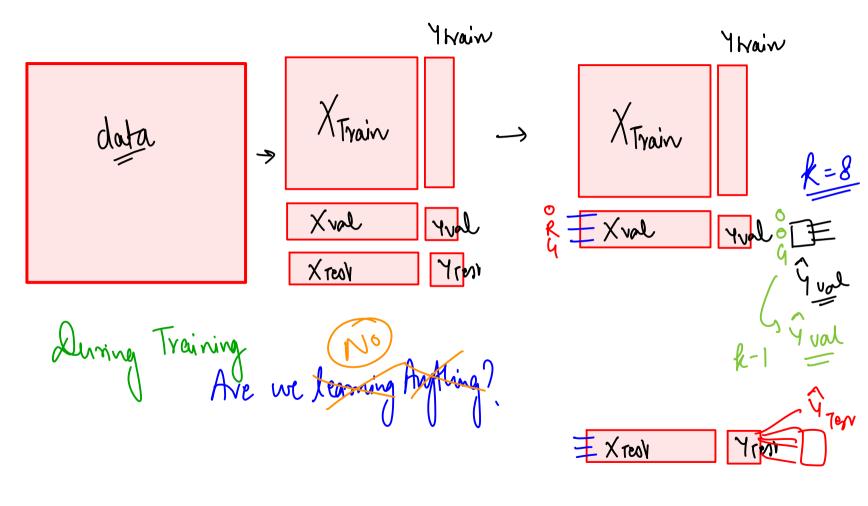
$$n_q \Rightarrow 3$$

$$y_q = 3$$

2g => 3

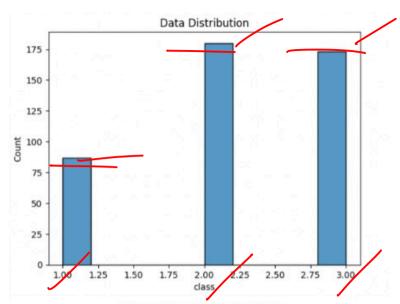
(K=4)



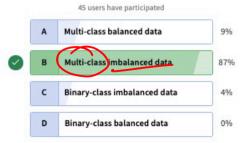


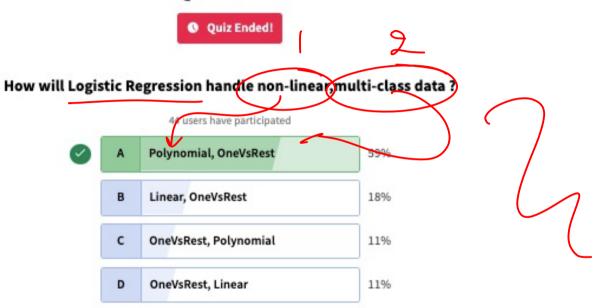
During Training - fast inference 1 Billion Transmit vantage: - Non linear separable data → Multidous classification

- Simple & intuitive lot of data >

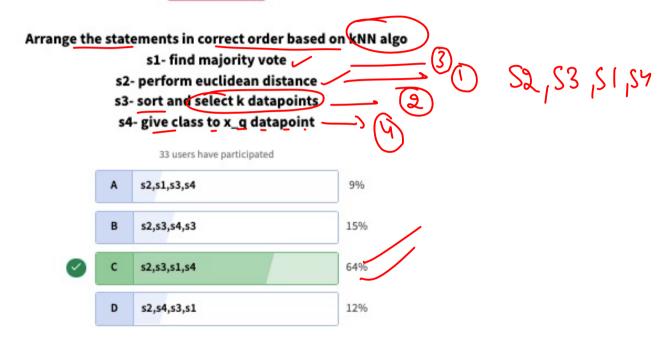


#### What can be said about the data?











### If x1 at (4,0), x2 at (0,1) and x3 (5,0) and xq at (0,0). Which is nearest point to xq?

46 users have participated

<b>⊘</b>	A	x1	4%
	В	x2	93%
	с	х3	2%





### how kNN is better than logistic regression. Select the correct option

