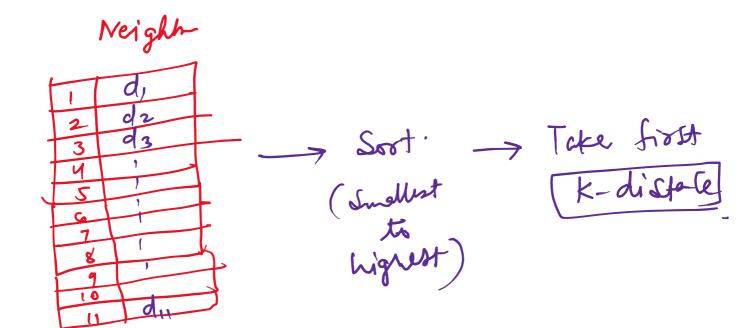
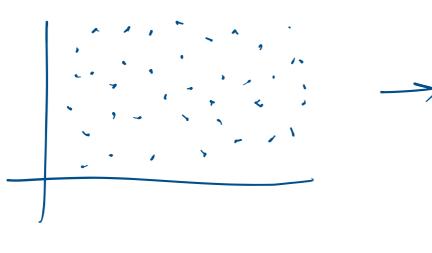


Clam of my Data Point - A



		•	7	
	4	duin		A
	5	duinz		
	7	d_: 3		
Ţ	6	dy		
-	8	d-5)		

H dazy dearner



=> At the time of training it memorishes the duta Points of finding the nenest neighbors one done at Prediction time.

Hence => Lazy dearner.

[Minimal Training but expensive learning

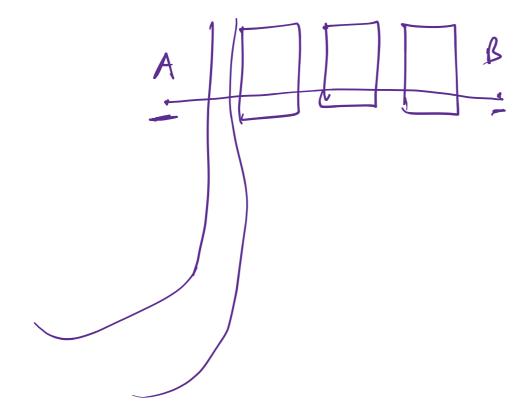
Distance matrix.

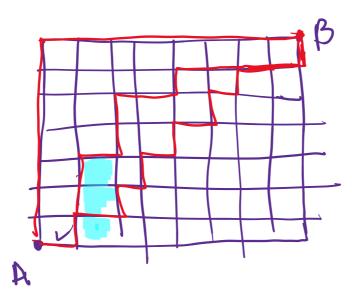
1 Euclidean distance

E) Manhattan distance.

City Block

C AB= JAZZ+BOL





 $= |y_2-y_1| + |x_2-x_1| + --- = |y_2-y_1| + |x_2-x_1| + --- = |y_2-y_1| + |x_2-x_1| + |x_1-x_1| + |x_1-x_1$

finding the value of K.

1) K Should be odl - to avoid a tie in clan voting.

take help from accuracy[P/recall/fl-score
refer of K) 4 then decide bened
on walnution

Thumb: optimal value of k - VN

(4) avoid very small value of K.

0.8 0.2 0.2 10 20 K vah

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