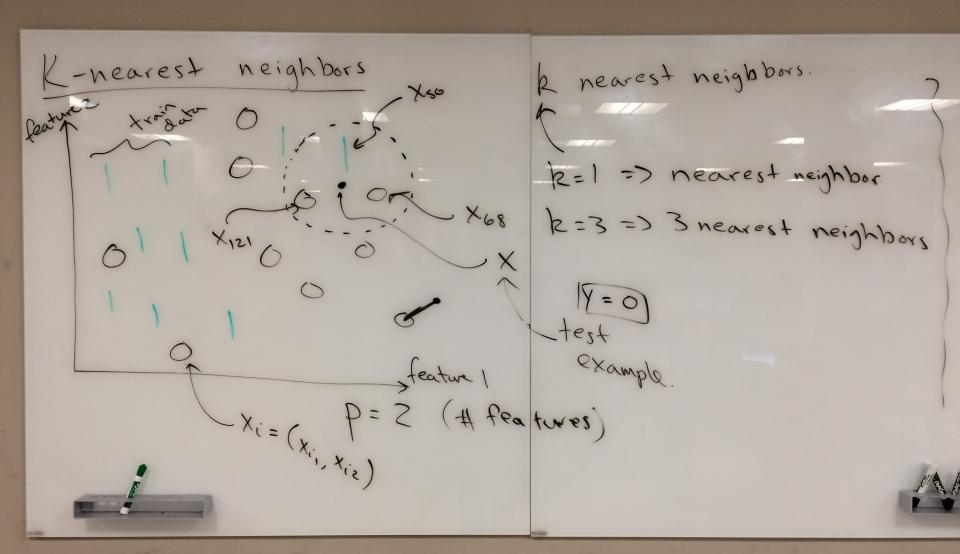
## CS 66: Machine Learning

Prof. Sara Mathieson Spring 2019



## Lab 1: in-lab notes



 $p(y=z|x)=\frac{1}{k}\sum_{x\in N_{k}(x)}1(y_{0}=z)$ Distance Euclidean distance (what is close?) d(xi,xj)= -(xi,-xi)2+ ...+ (xip-xjp)2  $P(Y=0|X) = \frac{1}{3} \cdot 2 = \frac{2}{3}$  $X_{i} = \begin{cases} X_{i} \\ X_{i} \end{cases}$   $\begin{cases} X_{i} \\ X_{i} \end{cases}$   $X_{i} \\ X_{i} \end{cases}$   $X_{i} \\ X_{i} \end{cases}$   $X_{i} \\ X_{i} \end{cases}$   $X_{i}$  $\hat{y} = argmax \left( P(y=c|x) \right)$ ) \( \sqrt{ = 0} \)

accuracy = 1 ( Yi = Ŷi) i=1 arr [ test examples first second

