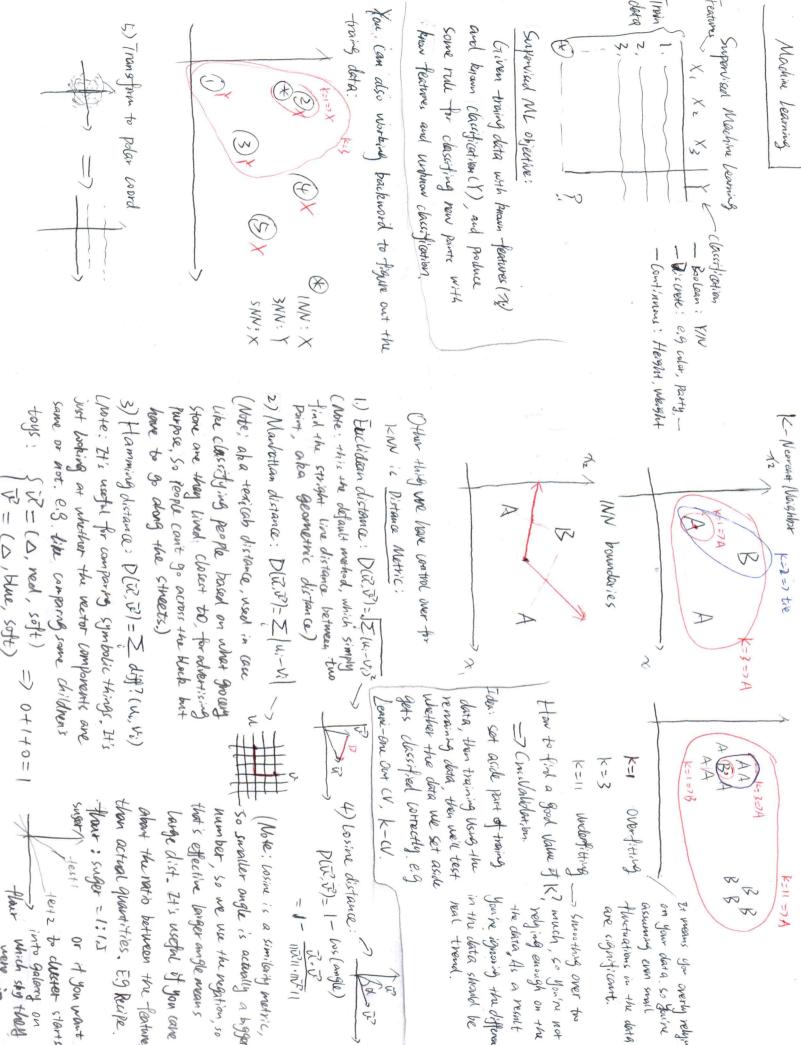
Machine Learning	T	Decision the trample	5
Covered topic or ANN not work for simpolic or Alloward test of Taldentification threes — Arranging tests — Arranging tests — Measures of disorder	c test	Vampire Date in Roma 1923/3 Garlie Complexion 7 } Pale	the pear lavel to pecision thee: Shadow (Talvice Complexion 2) I W 12 per purply this I I I I I I I I I I I I I I I I I I I
- Numeric tests To some test are expensive Rules - Rules - Transformations Note: a good 2D time has Lower dapth and simple positive total Negative structure	expensive 10 twee has h and simple structure	Yes N N Russage Heavy Yes N Y Hurrage Old Heavy No Y N Hurrage Old Heavy No Y N Fale Heavy No Y N Avenage Heavy	
The have a unbiased data set: $\frac{P}{7} = \frac{1}{2} : D(\text{set}) = -\frac{1}{2} \log(\frac{1}{2}) \times 2 = 0.9 $ The have a fally total data:	A D D	Clark: Use same test result of characteristic to determine whether it's an Vampine or not. Step1: Comparts the disorder of each feature	P(cet): 1 Construct - Step3: Construct - Minimizery Identification of two
1 = 1: p(set) = -1 (mg/s) - 0 (mg/s) = 0, e.s (cmg/s) = 1 = 1	138 (S.S.) 1 (S.S.	Stadow & Somples	(2)
Visorolly test)= Discost) X set city D(test)= Discost) X Total Branches		3/8 fa / 1/8 / 2 store 3/8 / 5	1 5/8 / Yes / W ? + + + + + + + + + + + + + + + + + +
- Occam's Nator the simplest explanation is often Ditect) = the best explanation plats or H(X) = - [\bar{\gamma} p(w) m(m)] Complexion	ation is often	\$(0) + 8(0) + (2.1) 1 = 2.5.5 1 = 1.0	- Boundary threthold -
1.0 Note: P 共大、政 1.00 Bl 平平1453 常 1.4 BL XI CONSTITUTED THE TO A TO XI CONSTITUTED THE TOTAL TO THE TOTAL T	ator thering rate	818 Hony odd 38 + 78 + + + + + + + + + + + + + + + + +	(A)
0.5	1	$c = \frac{1}{2} \left(\frac{1}{2} \left(\frac{1}{2} \left(\frac{1}{2} \left(\frac{1}{2} \right) \frac{1}{2} \right) + \frac{1}{2} \left(\frac{1}{2} \left(\frac{1}{2} \right) \frac{1}{2} \right) + \frac{1}{2} \left(\frac{1}{2} \left(\frac{1}{2} \right) \frac{1}{2} \right) + \frac{1}{2} \left(\frac{1}{2} \left(\frac{1}{2} \right) \frac{1}{2} \right) + \frac{1}{2} \left(\frac{1}{2} \left(\frac{1}{2} \right) \frac{1}{2} \right) + \frac{1}{2} \left(\frac{1}{2} \left(\frac{1}{2} \right) \frac{1}{2} \right) + \frac{1}{2} \left(\frac{1}{2} \left(\frac{1}{2} \right) \frac{1}{2} \right) + \frac{1}{2} \left(\frac{1}{2} \left(\frac{1}{2} \right) \frac{1}{2} \right) + \frac{1}{2} \left(\frac{1}{2} \left(\frac{1}{2} \right) \frac{1}{2} \right) + \frac{1}{2} \left(\frac{1}{2} \left(\frac{1}{2} \right) \frac{1}{2} \right) + \frac{1}{2} \left(\frac{1}{2} \left(\frac{1}{2} \right) \frac{1}{2} \right) + \frac{1}{2} \left(\frac{1}{2} \left(\frac{1}{2} \right) \frac{1}{2} \right) + \frac{1}{2} \left(\frac{1}{2} \left(\frac{1}{2} \right) \frac{1}{2} \right) + \frac{1}{2} \left(\frac{1}{2} \left(\frac{1}{2} \right) \frac{1}{2} \right) + \frac{1}{2} \left(\frac{1}{2} \left(\frac{1}{2} \right) \frac{1}{2} \right) + \frac{1}{2} \left(\frac{1}{2} \left(\frac{1}{2} \right) \frac{1}{2} \right) + \frac{1}{2} \left(\frac{1}{2} \left(\frac{1}{2} \right) \frac{1}{2} \right) + \frac{1}{2} \left(\frac{1}{2} \left(\frac{1}{2} \right) \frac{1}{2} \right) + \frac{1}{2} \left(\frac{1}{2} \left(\frac{1}{2} \right) \frac{1}{2} \right) + \frac{1}{2} \left(\frac{1}{2} \left(\frac{1}{2} \right) \frac{1}{2} \right) + \frac{1}{2} \left(\frac{1}{2} \left(\frac{1}{2} \right) \frac{1}{2} \right) + \frac{1}{2} \left(\frac{1}{2} \left(\frac{1}{2} \right) \frac{1}{2} \right) + \frac{1}{2} \left(\frac{1}{2} \left(\frac{1}{2} \right) \frac{1}{2} \right) + \frac{1}{2} \left(\frac{1}{2} \left(\frac{1}{2} \right) \frac{1}{2} \right) + \frac{1}{2} \left(\frac{1}{2} \left(\frac{1}{2} \right) \frac{1}{2} \right) + \frac{1}{2} \left(\frac{1}{2} \left(\frac{1}{2} \right) \frac{1}{2} \right) + \frac{1}{2} \left(\frac{1}{2} \left(\frac{1}{2} \right) \frac{1}{2} \right) + \frac{1}{2} \left(\frac{1}{2} \left(\frac{1}{2} \right) \frac{1}{2} \right) + \frac{1}{2} \left(\frac{1}{2} \left(\frac{1}{2} \right) \frac{1}{2} \right) + \frac{1}{2} \left(\frac{1}{2} \left(\frac{1}{2} \right) \frac{1}{2} \right) + \frac{1}{2} \left(\frac{1}{2} \left(\frac{1}{2} \right) \frac{1}{2} \right) + \frac{1}{2} \left(\frac{1}{2} \left(\frac{1}{2} \right) \frac{1}{2} \right) + \frac{1}{2} \left(\frac{1}{2} \left(\frac{1}{2} \right) \frac{1}{2} \right) + \frac{1}{2} \left(\frac{1}{2} \left(\frac{1}{2} \right) \frac{1}{2} \right) + \frac{1}{2} \left(\frac{1}{2} \left(\frac{1}{2} \right) \frac{1}{2} \right) + \frac{1}{2} \left(\frac{1}{2} \left(\frac{1}{2} \right) \frac{1}{2} \right) + \frac{1}{2} \left(\frac{1}{2} \left(\frac{1}{2} \right) \frac{1}{2} \right) + \frac{1}{2} \left(\frac{1}{2} \left(\frac{1}{2} \right) \frac{1}{2} \right) + \frac{1}{2} \left(\frac{1}{2} \left(\frac{1}{2} \right) \frac{1}{2} \right) + \frac{1}{2} \left(\frac{1}{2} \left(\frac{1}{2} \right) \frac{1}{2} \right) + \frac{1}{2} \left(\frac{1}{2} \left(\frac{1}{2} \right) \frac{1}{2} \right) + \frac{1}{2} \left(\frac{1}{2} \left(\frac{1}{2} \right) \frac{1}{2} \right) + \frac{1}{2} \left(\frac{1}{2} \left(\frac{1}{2} \right) \frac{1}{2} \right) + \frac{1}{2} \left(\frac{1}{2} \left(\frac{1}{2} \right) \frac{1}{2}$	
-> (200 - 100 M)	· A	D(Ruddy)=- [= [= 109]= += 109[=]]=09	Note: After you have a Decision thee, you can the the with
=> = Mg.(p)	1)(+e	84)= 1/4(0) + 7/8(0.9) + 1/8(0.9)=0.678	T-ess contas.



P(v,v)= 1- los (angle)

K=11 =7 A

5

___ smoothing over too

fluctuations in the data assuming even small on your data so you're It means you overly rethin

are significant.

in the data should be You're ignoring the different

the clata, As a result

real trend.

Hour: suger = 1:11 than actual quantities. Eg Ruipe. Sweet/ Yest flow which sty that text 2 to cluster starts into galany on or it you want