	Dapph'actions
PIL.? yes.	Naive Bayes Classification
PHC 1 MIT?	- assumption "features are conditinder.
	of each other given classification
P C P(P(C-MIT) < P(P) M	Y "given parents"
M17. < P[P	(C MIT)
PYCIMIT	~ ~ ~ ~ ~ ~ ~ ~ ~ ~ ~ ~ ~ ~ ~ ~ ~ ~ ~
cf - Tropalo Torand pro	
<f.>. Txplaintorad pro P(ALC) < P(A BC).</f.>	"green child" "toy" I "veggiles".
1040) 160143	thaining pts (data) + coloure prob.
Model Selection.	(1) (1) (1) (1) (1)
have look evidence & multiple wo	postonin = P[datal b= 1) Droi
M''s	prob gotion = P (data) (= 4) - P(F)
- b pick most model (max P(Milder	y. Pldatas
Ex. 2 coins: fair(P(H)=0.5) C1	assumptions (XI=XI, Xi>tiXu=tin Y=y)(P(X=y) const
	1 1 1 1 2 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1
untain (P(H) = () · Cz z models Oldraw Coin Mindoml B draw coin " to	1 &4(1/p] × }
5 1 (a) " +	1 curps 1/2
1 draw coin once.	C.
dota = (HtT.	Ci Fi Fr F3.
_ assume. prion & P(M1)=	(MV)=1 Const
MAX PCM=Mildota). P(
) 2 11	P(data) & Coat.
M1=P(HHT[M1)=3.3.1==	1 (10000) - CW151
MI=P(HHT MI)= 3. 3. 4 = 6 P(H)=P(H CI)-P(CI)+	PCHICZ). P((2) = v·v + 1-1 = ===============================
Mz = P(HHT(Mr) = P(HHT C,). PCC)	1.+ P(HHT(2) P(G) = (20 2. 2) 2 + (1.1.0)
• •	$=\frac{1}{16}$