Day-3 ? Naive Baye's theorm: 2 Chowife atean y d Bayes thrown 4 Dependent Event first Event. (green) Sec-Evy-P(G) = = = 1/2 PCR &G) = PCR) \* PCG(R) [PCR4G)=PCGQR)] P(A) PP(B(A) = P(B) \* P(AlB) P(BHA)= P(B) + P(A(B) (Rux thurm, Naive Bouges Indepedent Event B= & 1,2,3,4,512)

P(B) of gotting 6

P(B) Of

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P(y/n,x2 -- xn) = P(y) \* P(x,x2 -- xn/y) = P(y) & p(x,/y)+p(x/y) ---1 P(xi) + P(xz) - -- P(xh) CF. STRUMENT BELLINGS Datamet P(y=Y/si) = P(Yes) # + (xi/yes) #-- P(xi/yes Accordate (12) A-Registre (ser) Ply=Nhoi)= PCNO) + Ply/No) --- PCXYNO 120x17== -- +cxy XI. BNO it p(yes/xi)=0.13 P(NOKi)=0.00 in Birray Classification ary value 3 0-5-40.5=

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Tince Both Value below out cue do normalisadion P(Yes/ vi) = 0.13 0-13 40.05 = 0-72 => 72% P(No/ri) = DDJ 1-0.72 = 28 % KNN Algorithm (K-neaust neighbour)
Bad at Doutlier's Classification Regression (2) Imbalanced clossification Black = 8 Classification cue find Output by cusing Euclidean Distance (or) Manhattan Distance (V(x2-41)2+C42-41)2) (1x2-41/142-411) (epath Value chepudi) (Side path Value Chepudi) 2) Regrasion In reguin it's lake from all points toils Points

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