@2 R: Number of times word Vi appears in 20 n = 13 total Vocabulary in V x is of length 15. This is the input data (a): y=0 when input data is NOT spain y= 1 when input data is spam P(y=0) = P(NoTSfam) = 4 -> Not spam these are the prior P(y=1) = P(3 Pam) = 3 [0,1,0,0,0,0,0,1,1,0,0,0,0,0,0,0] million dollar offer [1,1,0,0,0,0,1,0,0,0,0,0,0,0,0,0] [2,0,0,0,0,0,0,0,0,0,1,0,0,0,0 low price for Valued customer? secret offer today secret is secret [0,0,0,0,0,0,0,0,0,1,1,0,0,1,0] Play secret sports today sports & healthy [0,0,1,1,0,0,0,0,0,0,0,0,0,0,1] low price Pizza