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Problem 1:
                 P(C=11R=1, H=1, M=0)
 Rule
Bayes Ryle = P(H=1/C=1, R=1, M=0). P(C=1/R=1, M=0
                    P(H=1/R=1, M=0
           P(H=1/C=1, M=0), P(C=1/P=1, M=0
Zaw, of
Conditional
                           R=1, M=0)
  probability
Bayes Rule
           P(R=1/C=1, M=0), P((1M), P(H=1/C=1, M=0
                   P(RIM) . P(H=1) R=1, M=0
                      C=1, M=0), P(C=1). P(H=1) C=1, M=0.
Bayes Rule = P(R=1
 AND
P(CIM) = P(C)
            P(R=1) C=1, M=0). P((=1), P(H=1) (=1, M=0)
Zaw of
 TOTAL
 Probability
         calculations: P(M=0)=11-P(M=1
         P(P=1) = 1 Law Gf = 1 - p(M=1 |V=1) . p(
total probability = 1 - p(N=1 |M=1)
                             = 1- (0,0001) (0,999
         P(R=1 ) (=0, M=6) + 2
         P(P=1 (=1, M=0)=)
         0.9 + 0.05 = 0.95
               * (0.05) · I
                                          -- (0,0256
                         0.6
          (0.9)
 -ina
                 0.999
                 0.95
answer
                                                Rule
               P(M=1 | H=1, C=0
 Problem
              =0, M=1). P(M=1) (=0
                                              Variont of
Bayes Pule
                                            P(m/c) = P(m
           C=0, M=1). P(M=1
                                                    (211-11/12)
Calculations
    P(M=1)=P(M=1/V=1
                                          P(H = 1 (=0) =
                                         P(H=1 (=0, M=1)+
            1= (P(V=1-1M=1
  Bayes
  Rule
           = 0.999.0.000
                                               1 C = 0, M = 0
                                       =0.93+0.02=0.95
           0,98.0,0001.0.999
Final
                                          0.000103
                      0.95
 Moswer
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